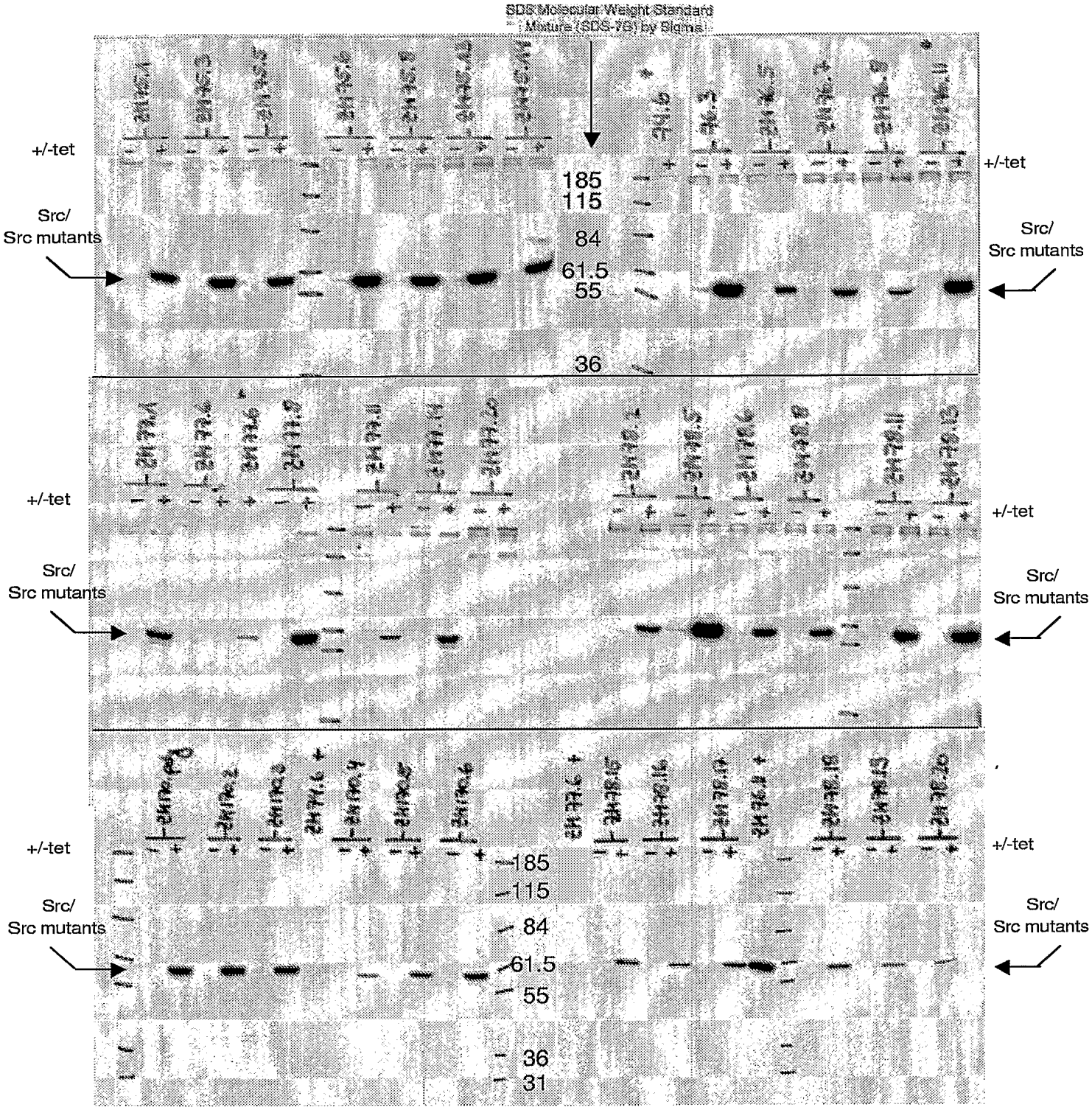

SDS Molecular Weight Standard
Mixture (SDS-7B) by Sigma
+/-tet
Src/
Src mutants
185
115
84
61.5
55
36
31

Fig. 1

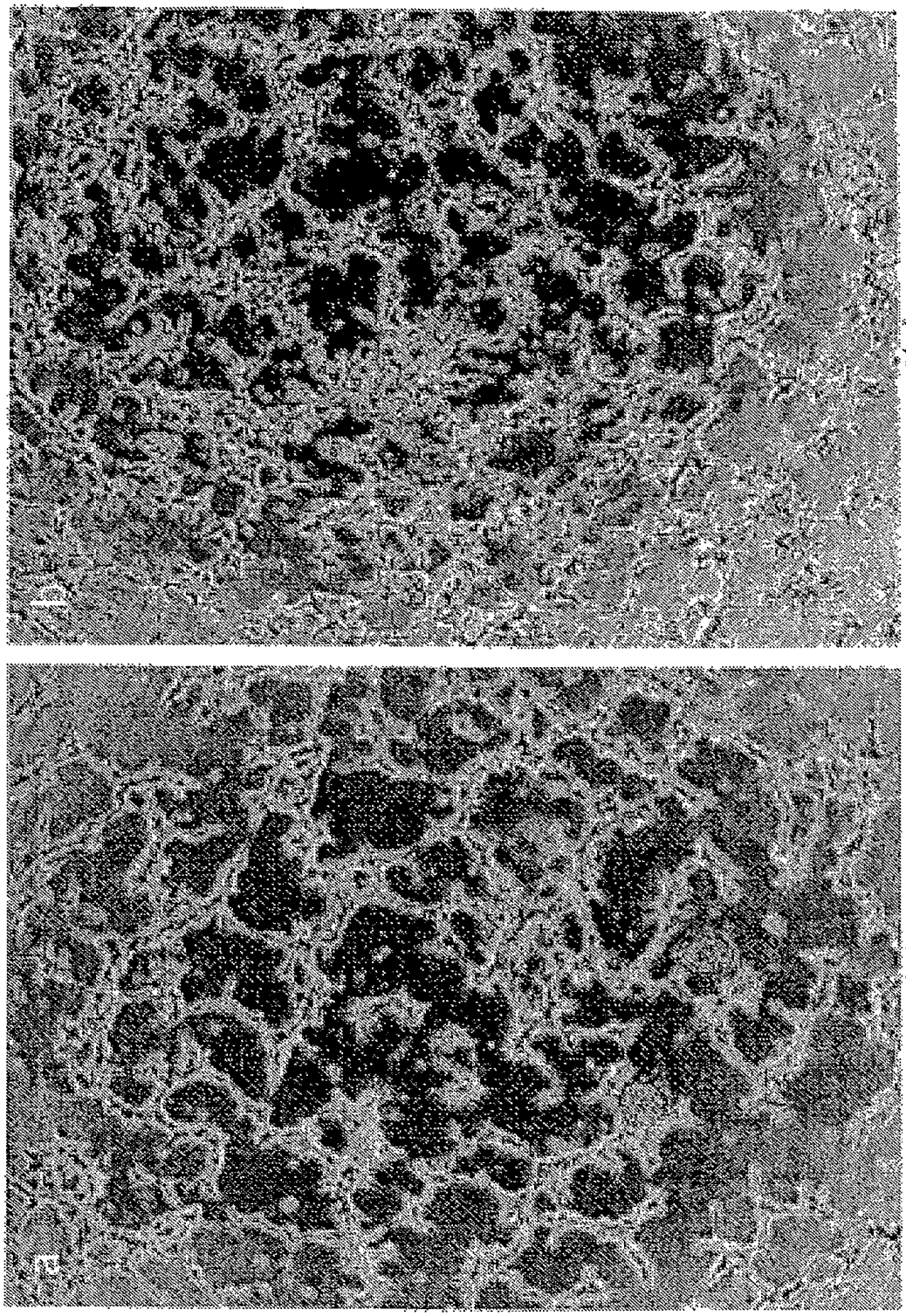


Fig.2a,b

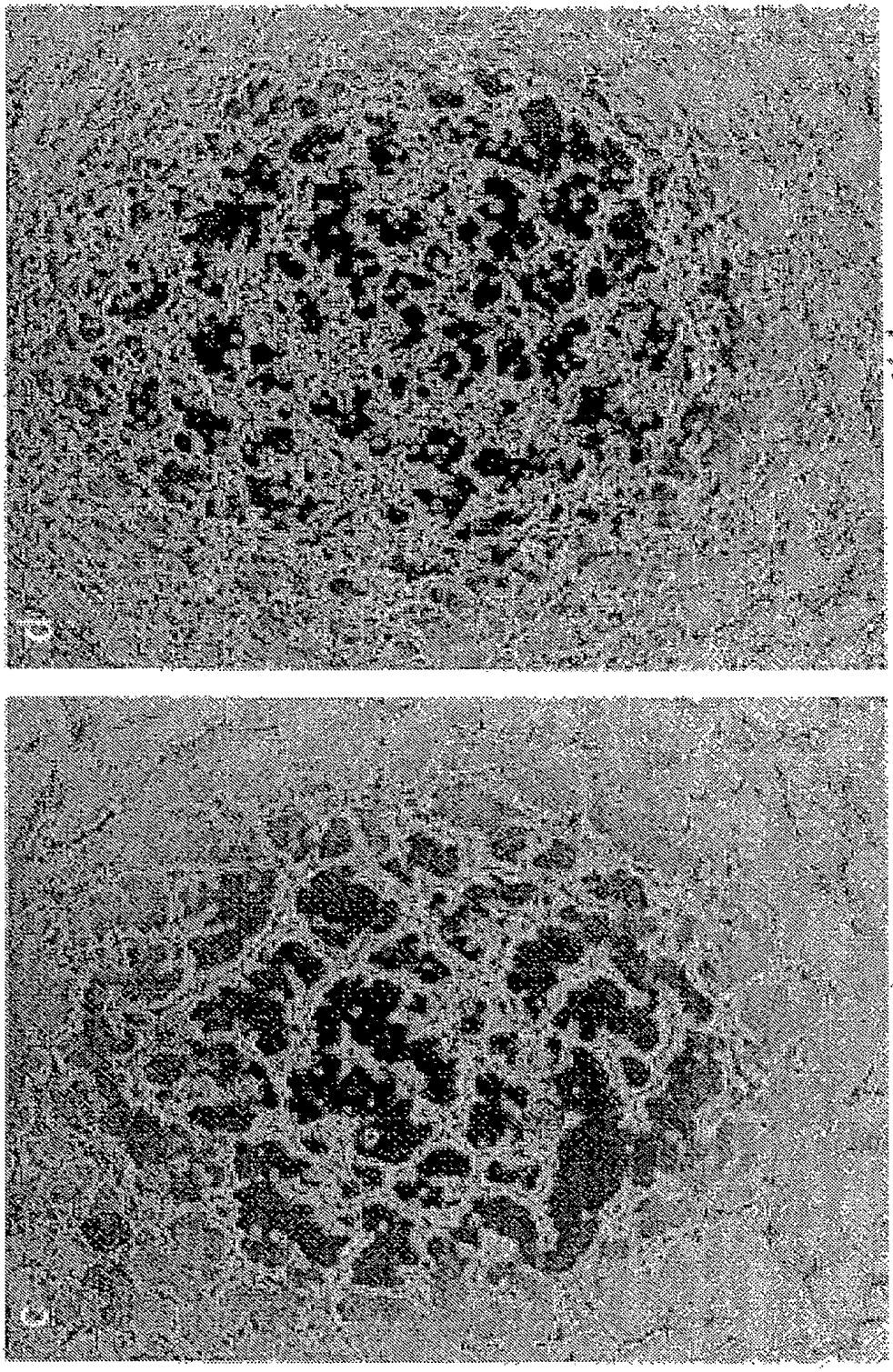


Fig.2c,d

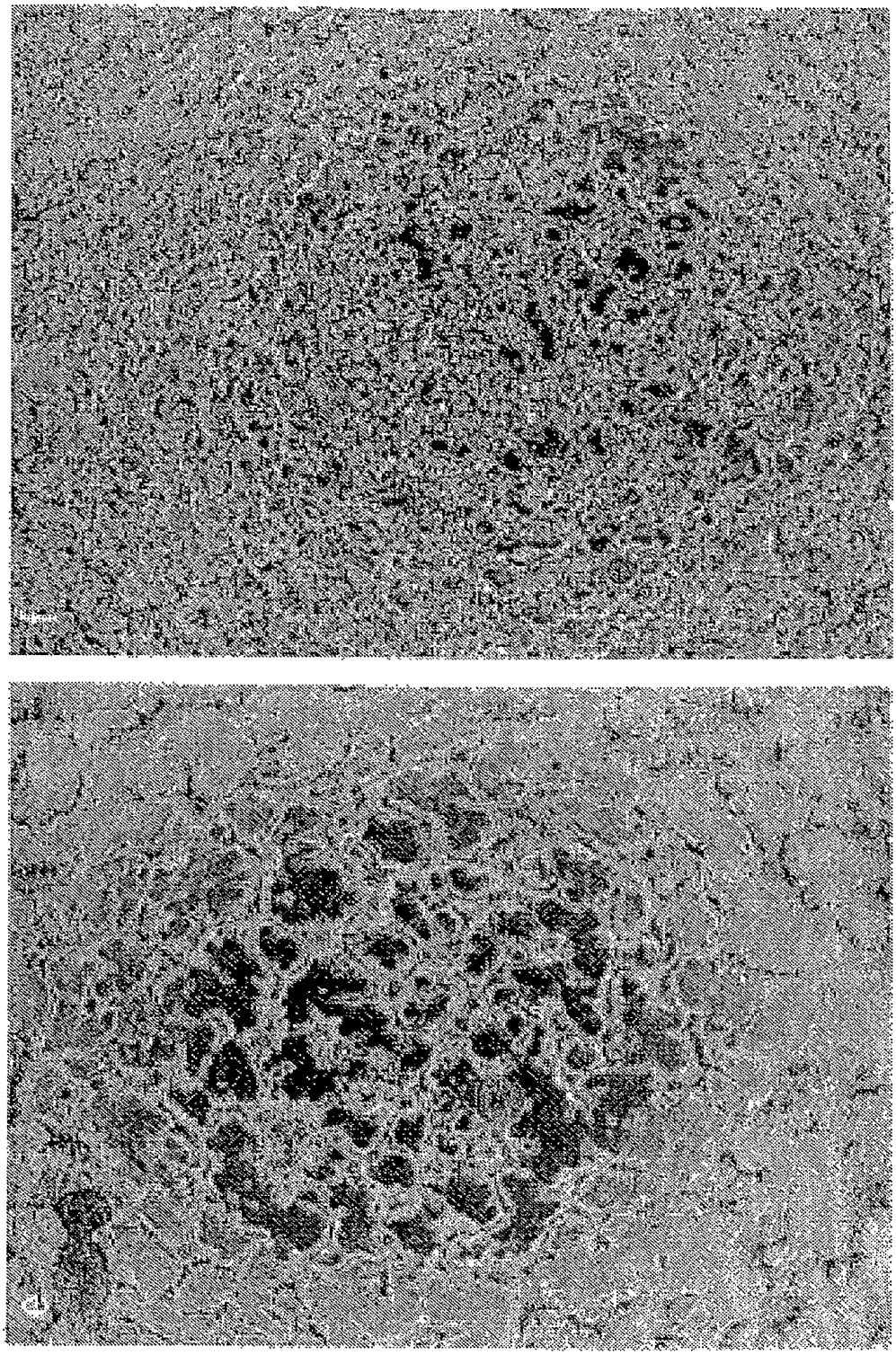


Fig.2e,f

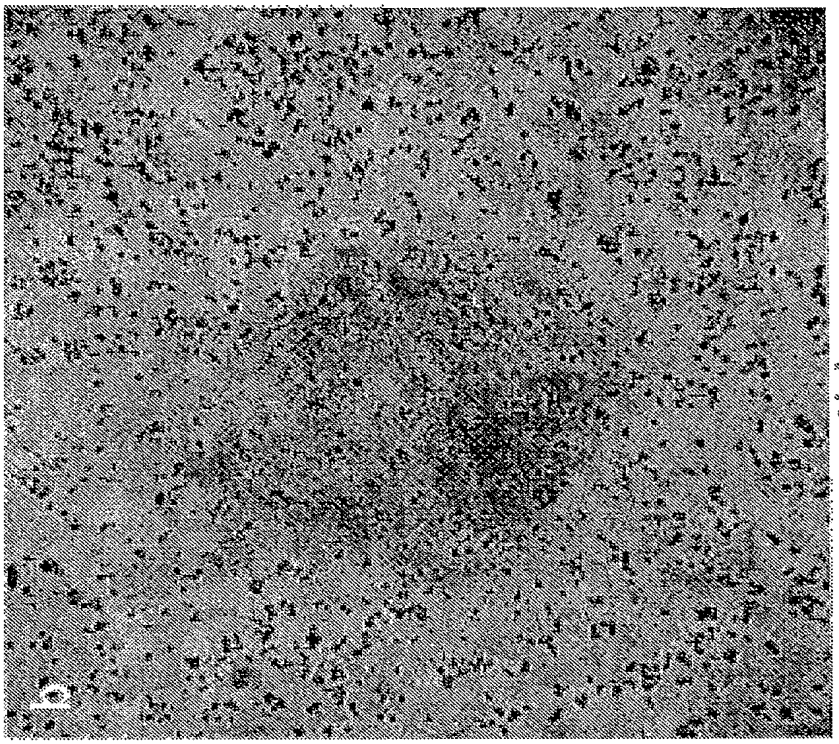


Fig.3a,b

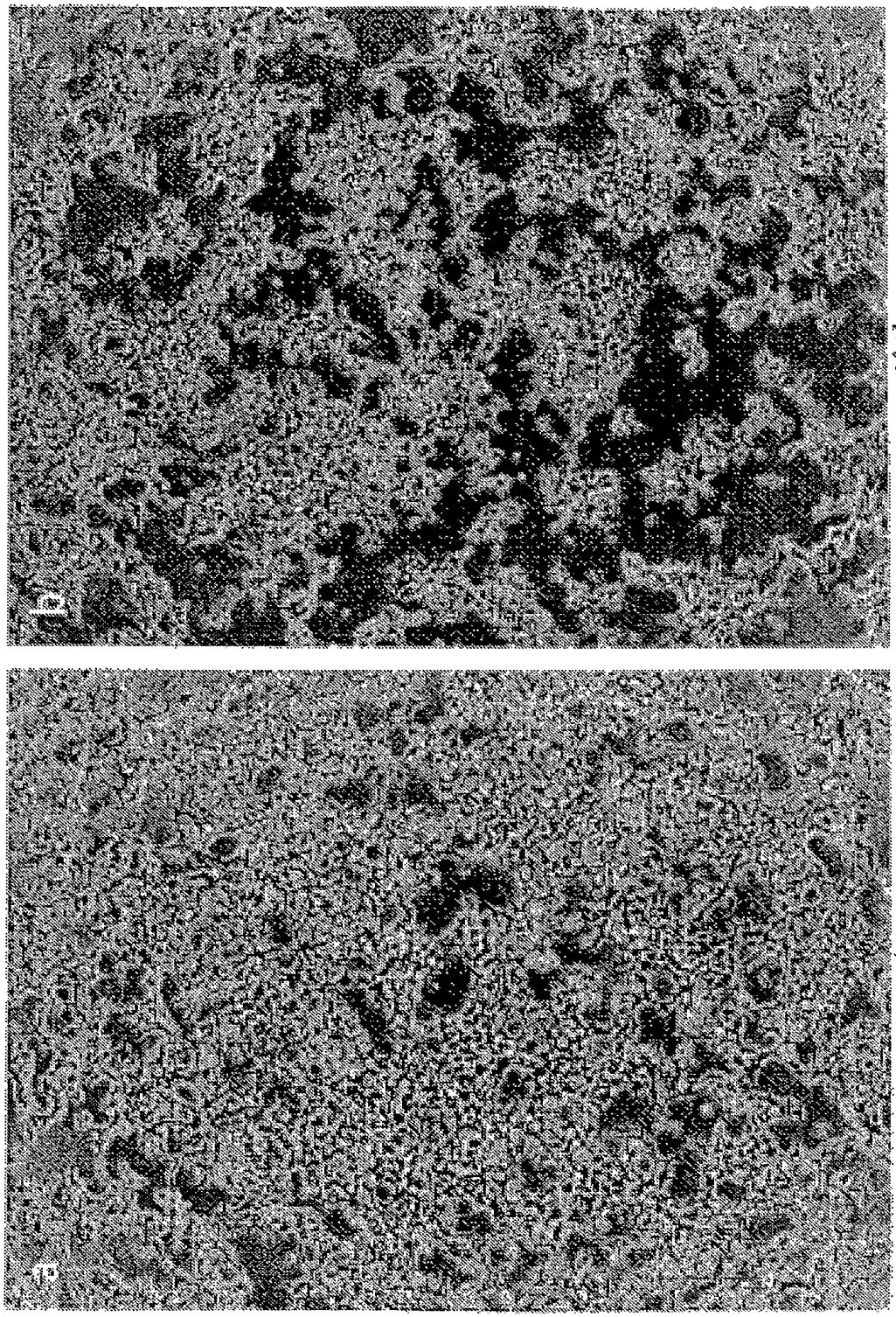


Fig.4a,b (Src-KA)

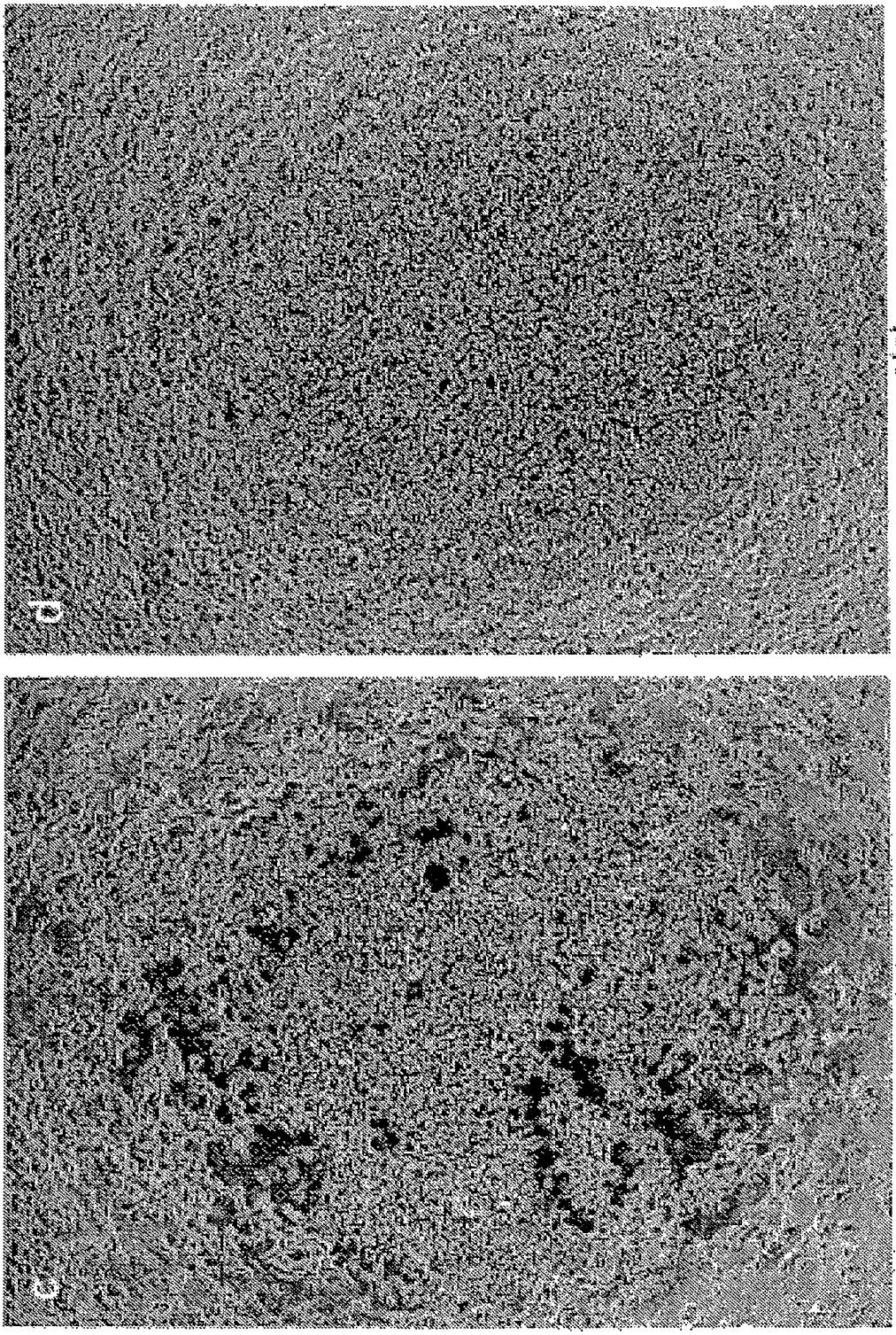


Fig.4c,d

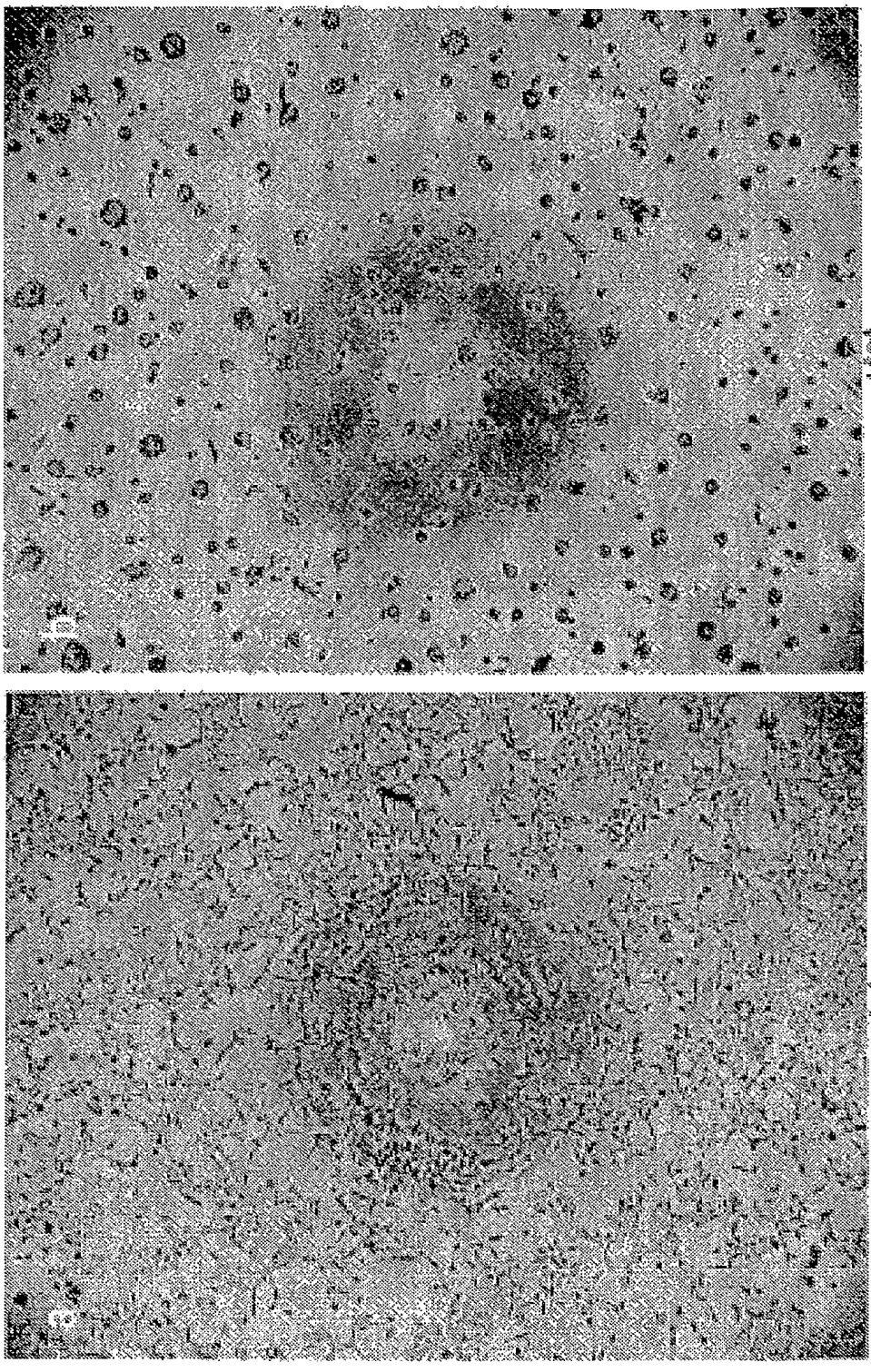
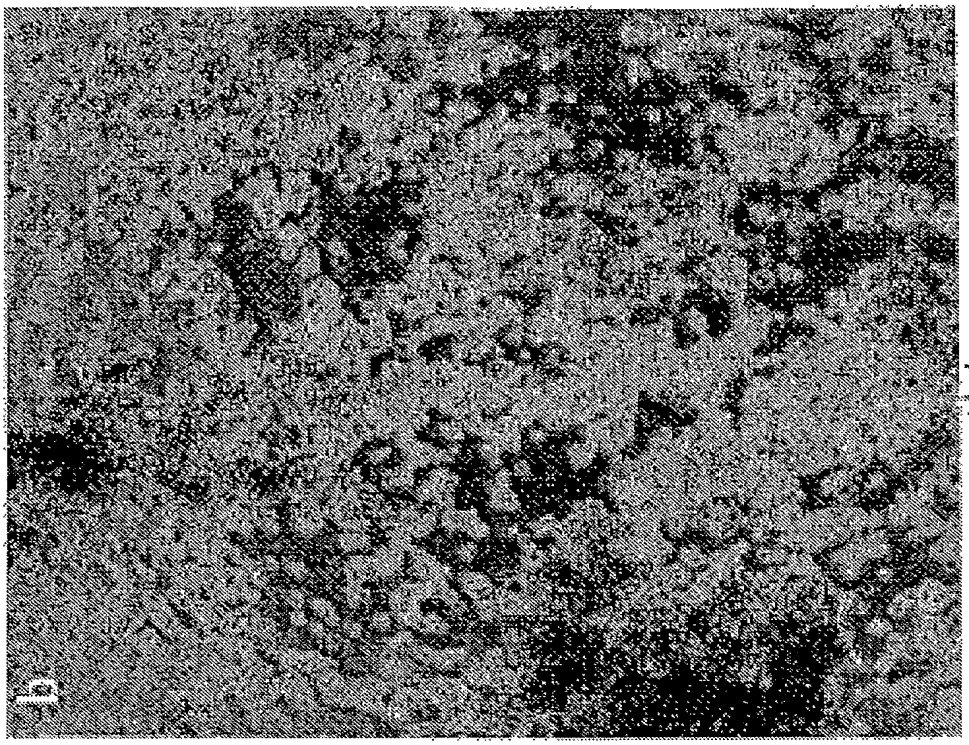


Fig.5a,b (Src-KA)



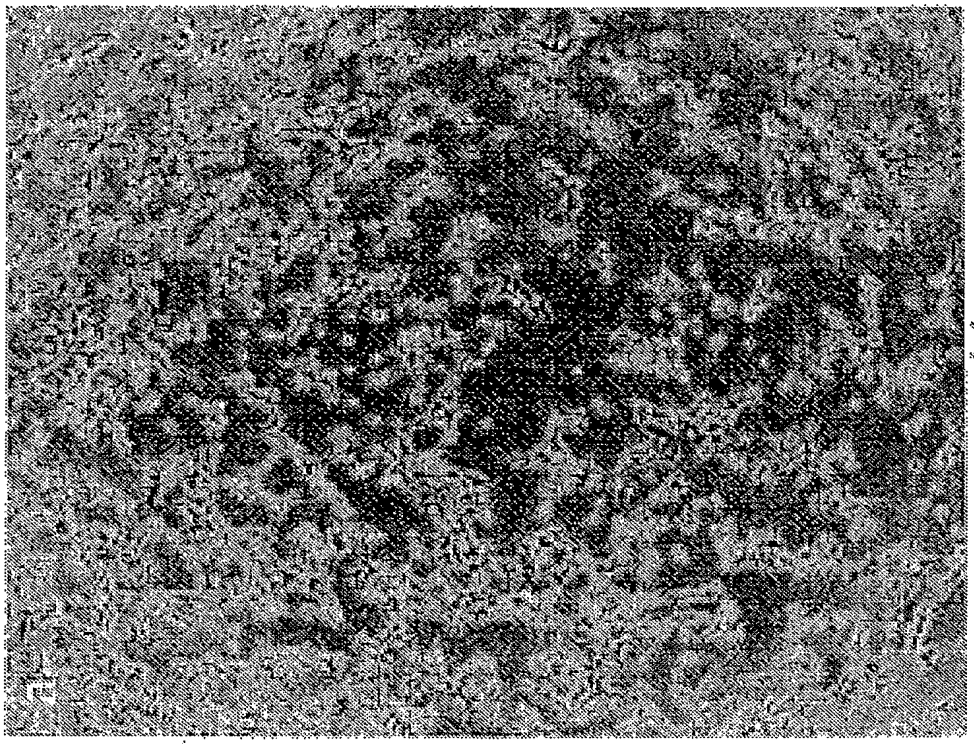
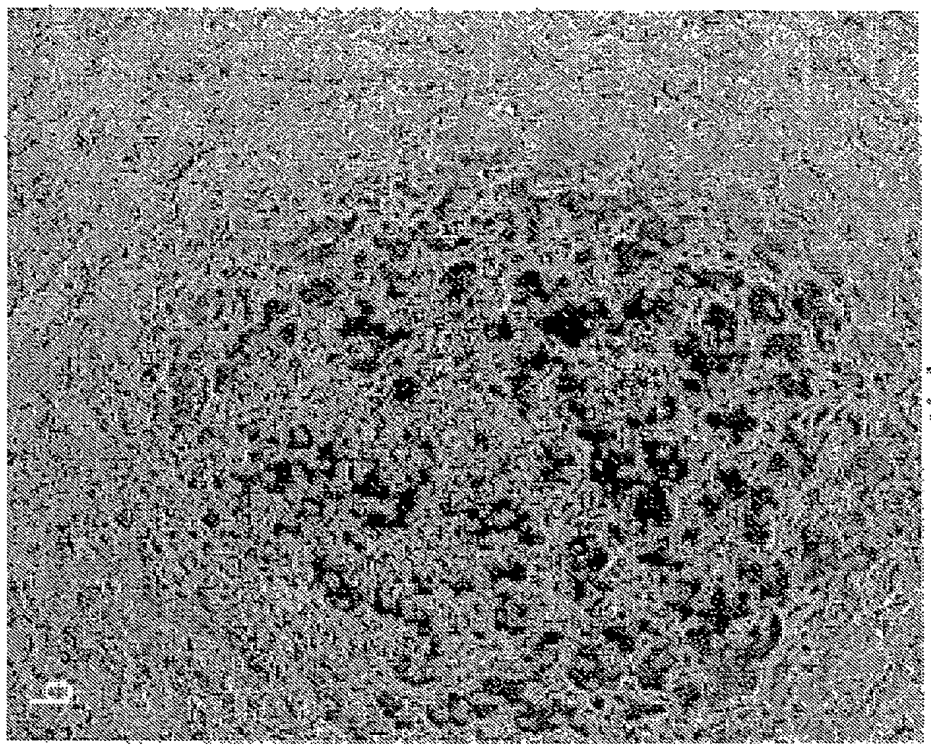


Fig.6a,b (Src-YF)



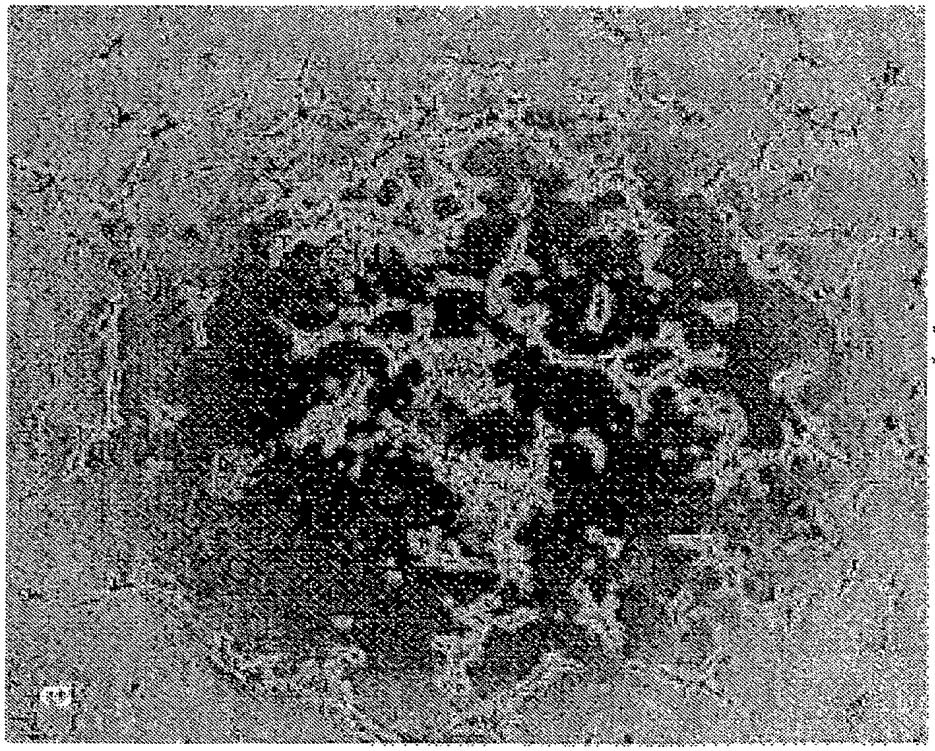


Fig.7a,b

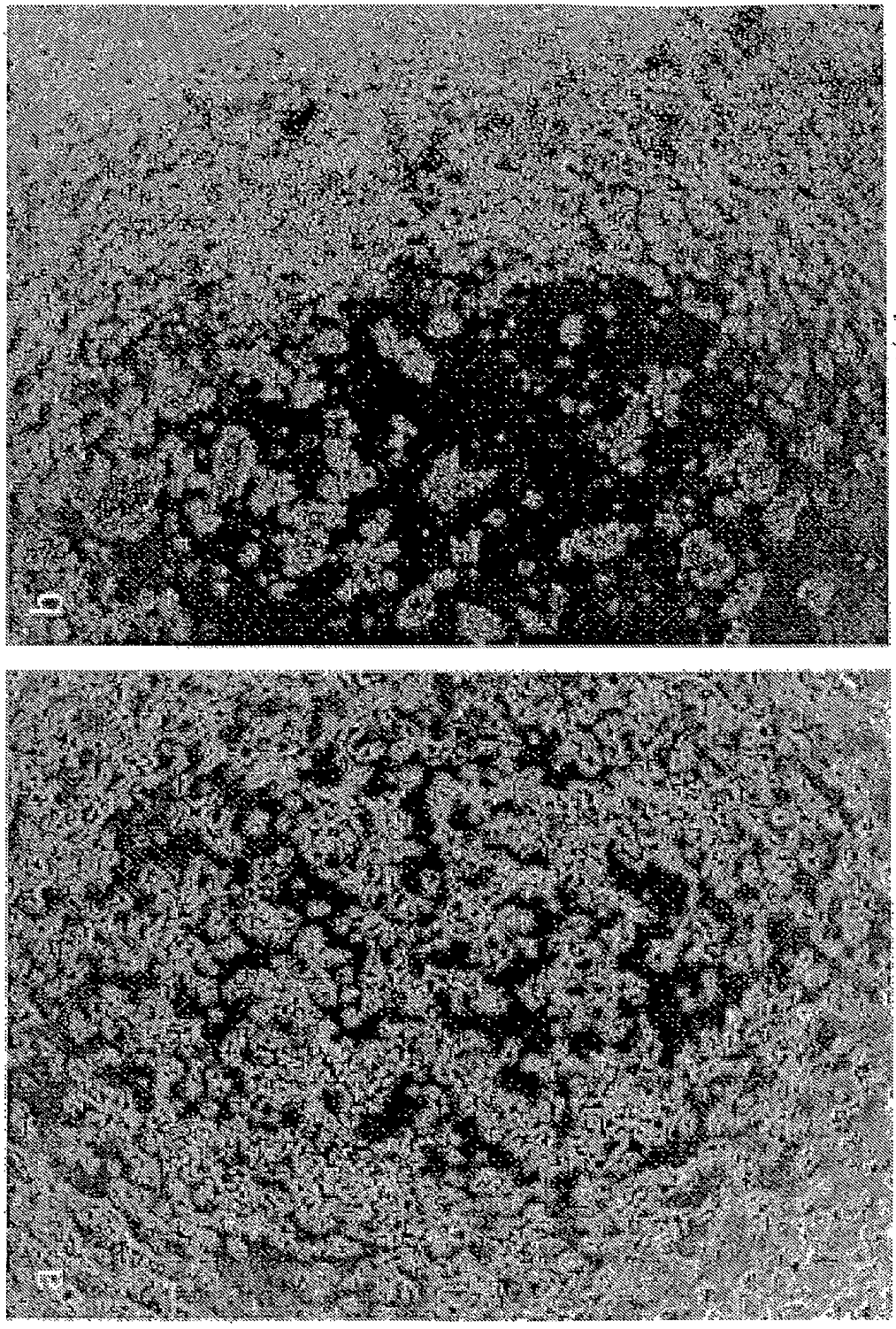


Fig.8a,b (Src-TQ/YF)

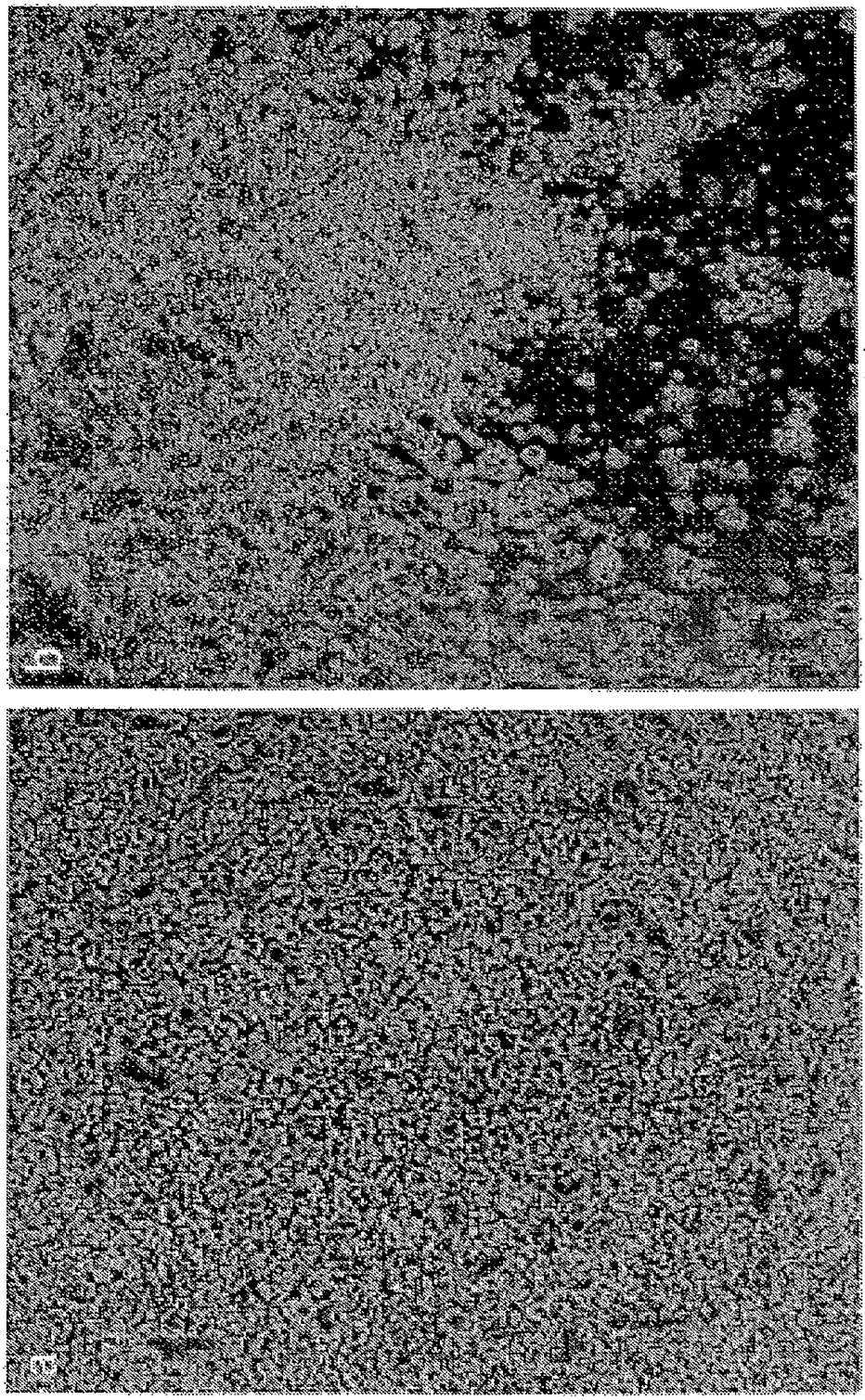


Fig.9a,b

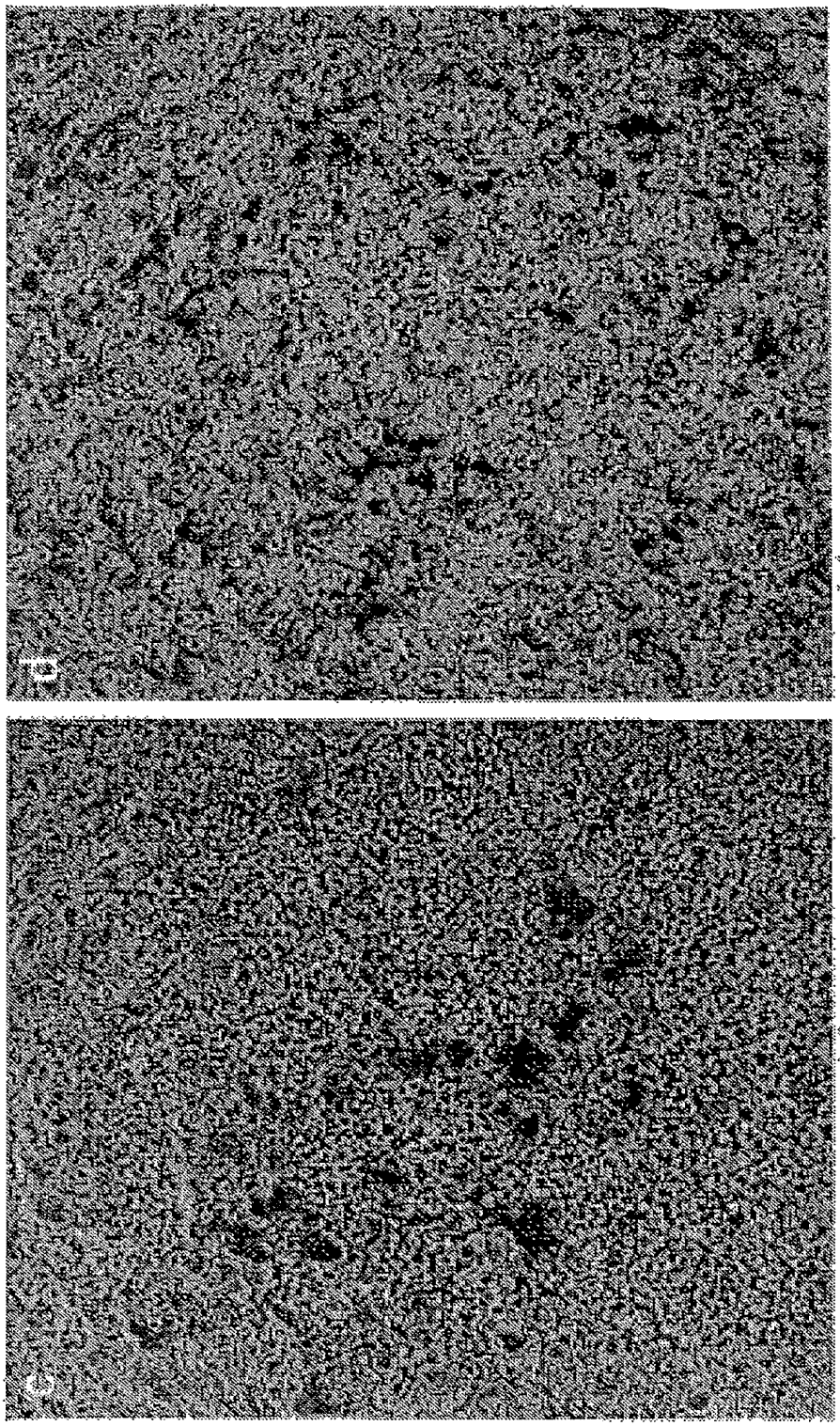


Fig.9c,d (Src-YF) (10μM PP1-Chr.)

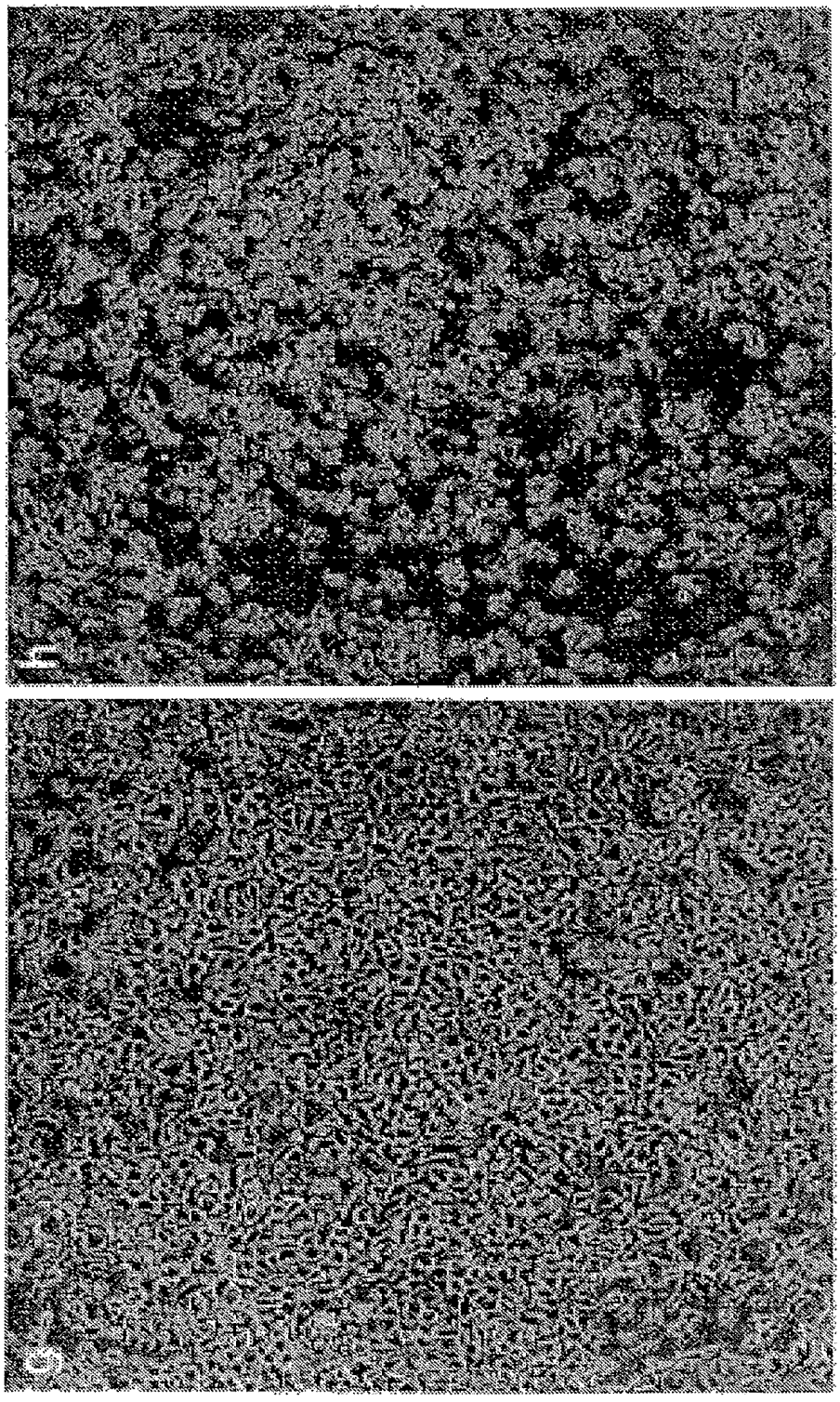


Fig.9g,h

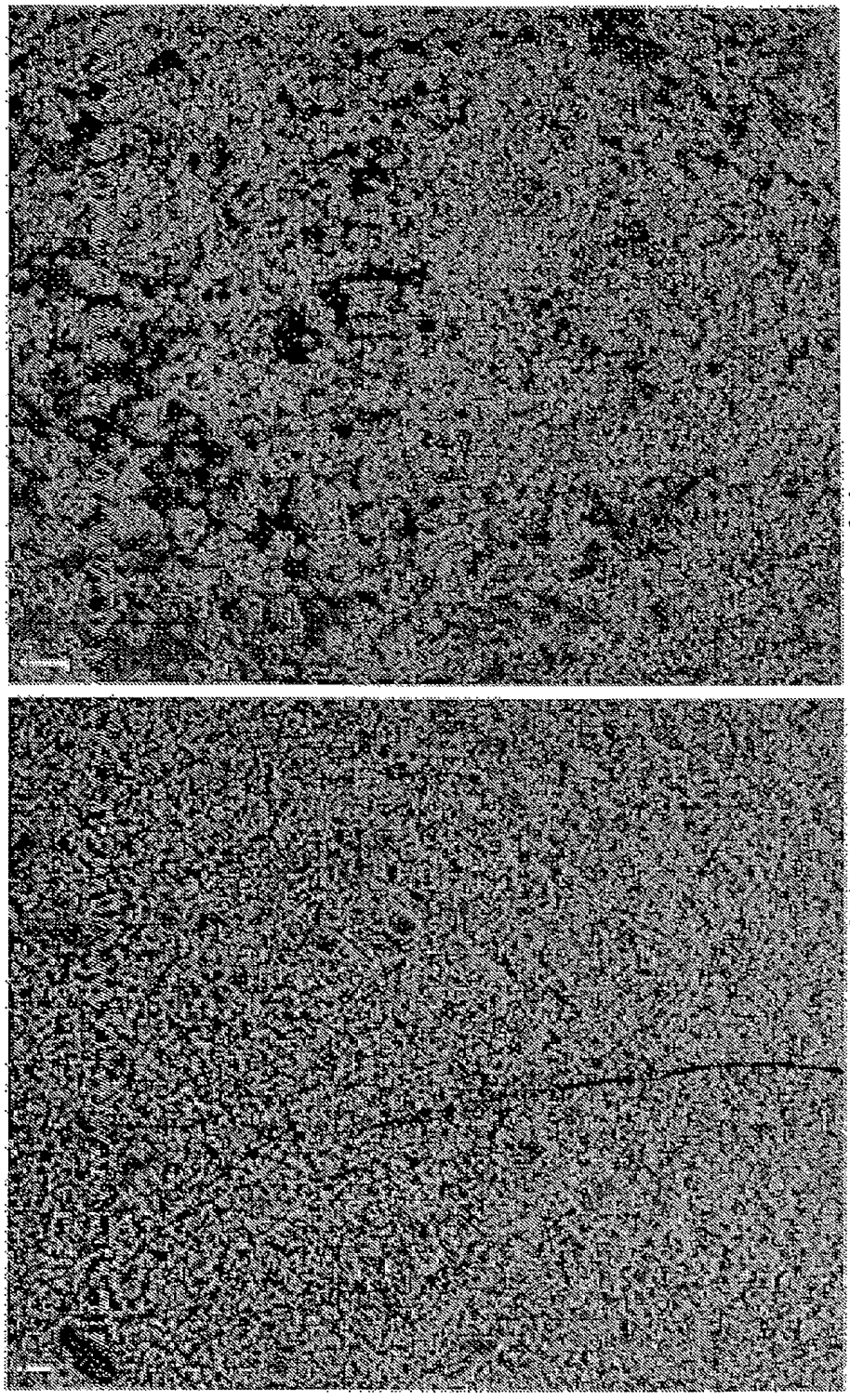
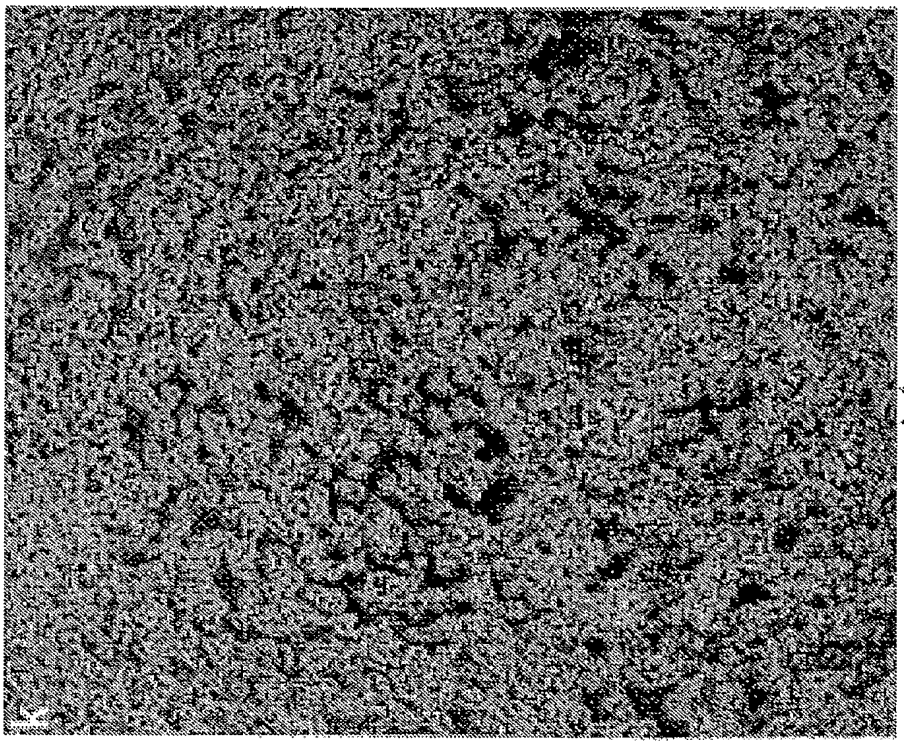


Fig.9iJ (Src-YF)



+tet (Src-YF) (5μM PP2)

Fig.9k

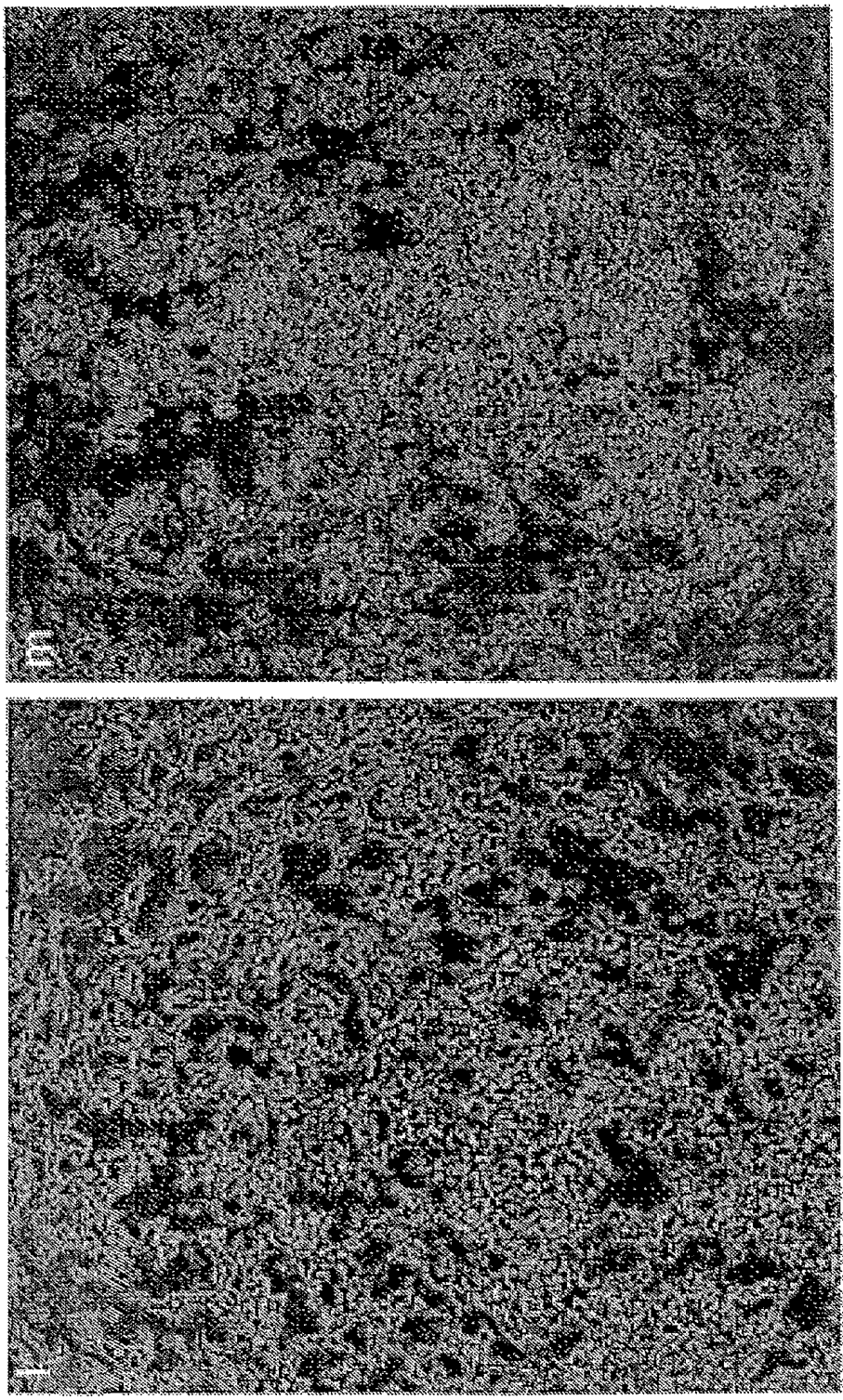


Fig.9l,m (Src-YF)

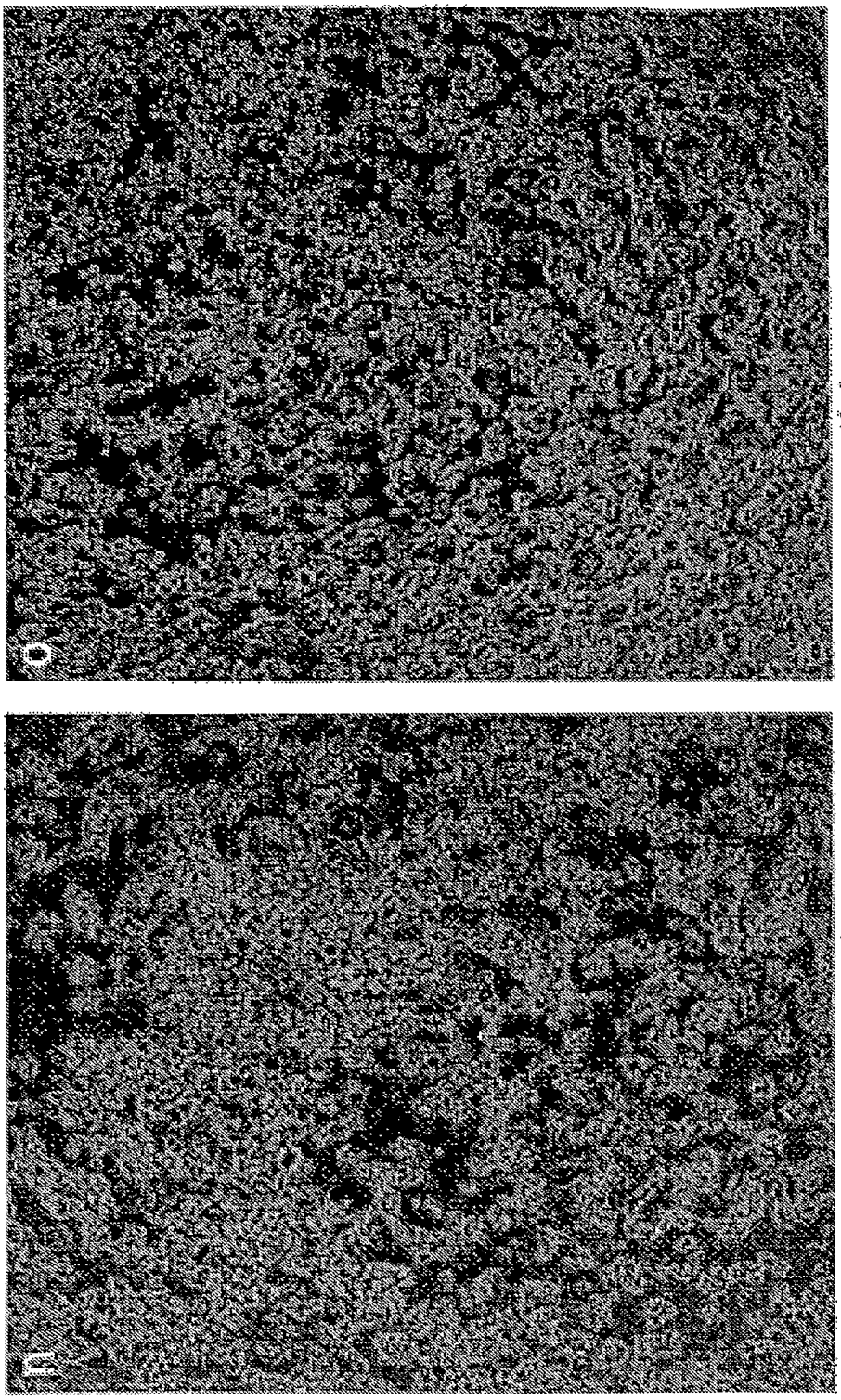
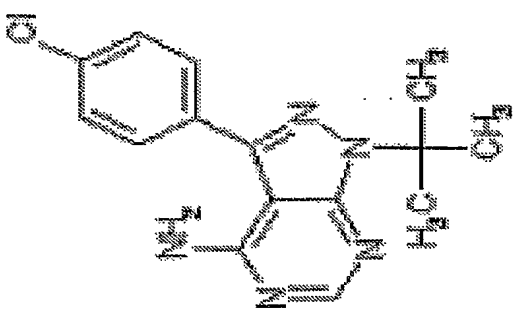
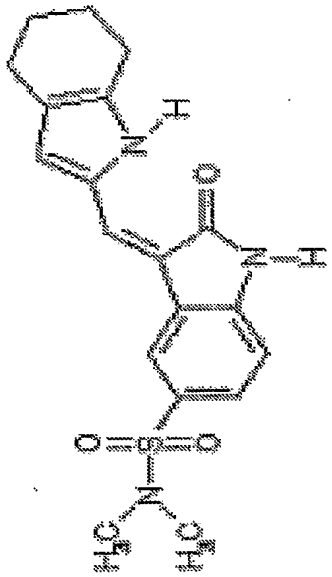


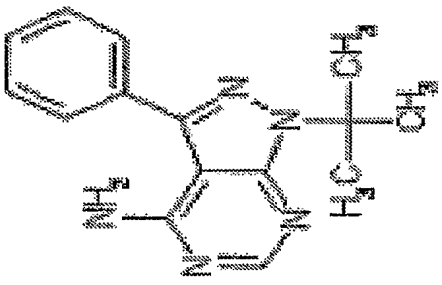
Fig.9n,o (Src-YF)



PP2

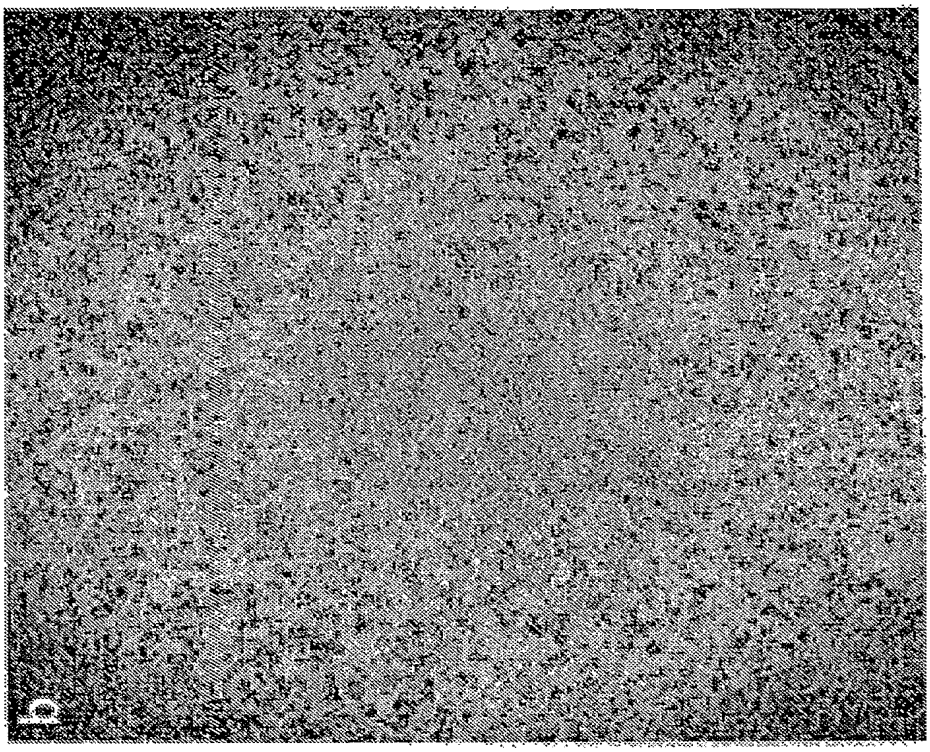


SU6656



PP1-Chr.

Fig.9(p1)



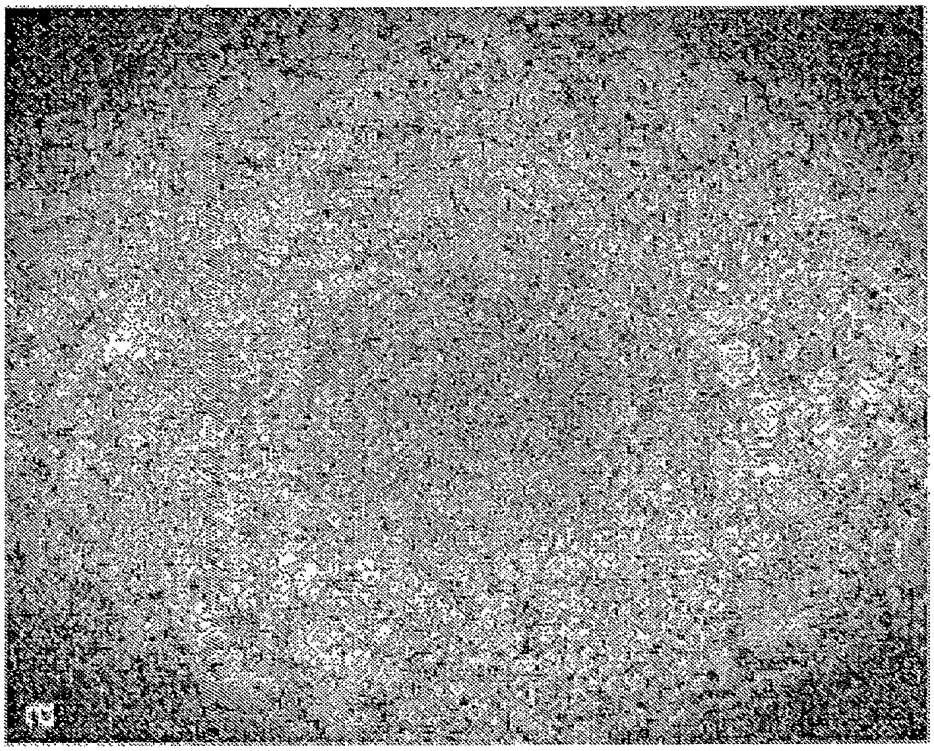


Fig.10a,b

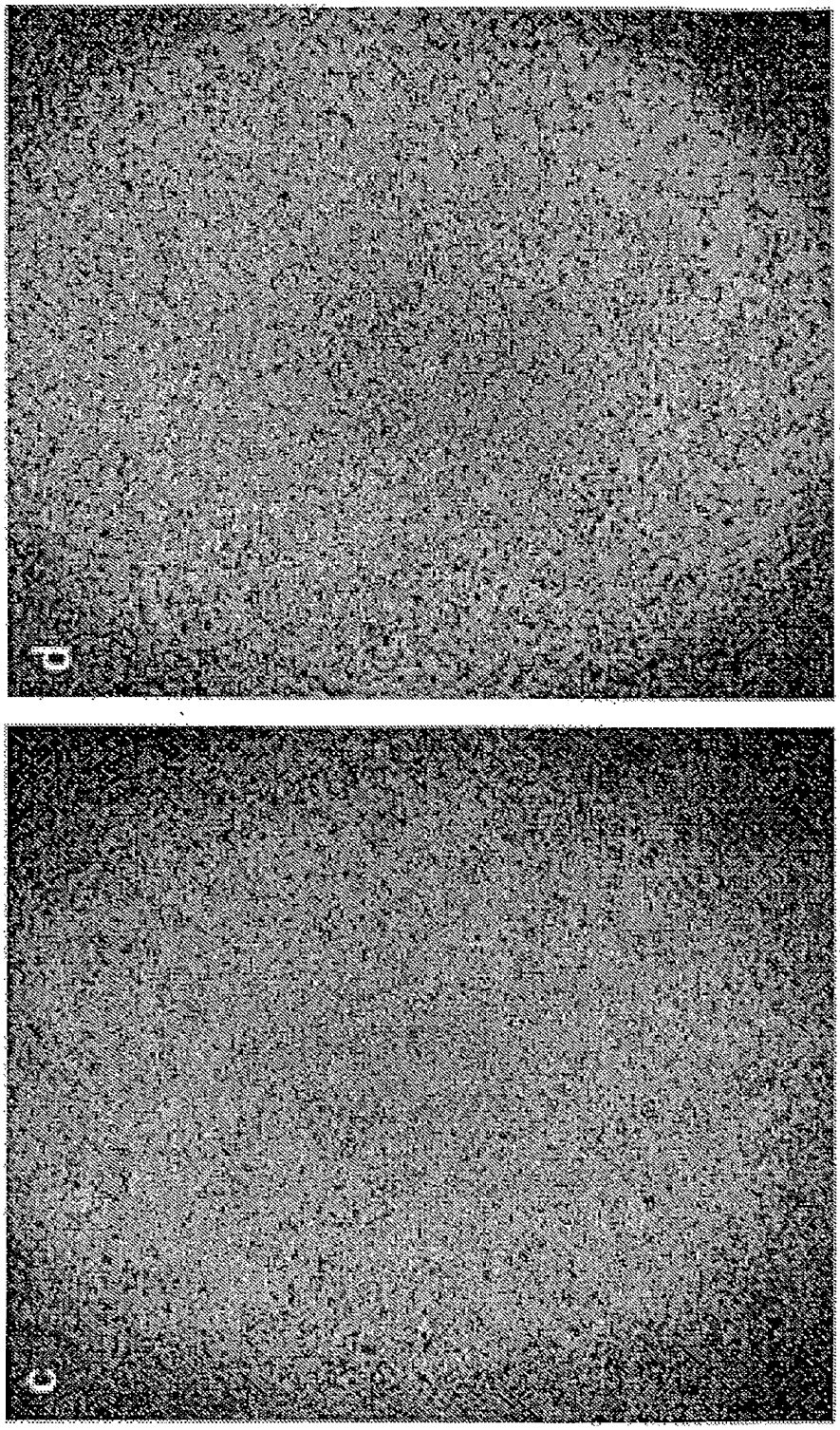


Fig.10c,d (Src)

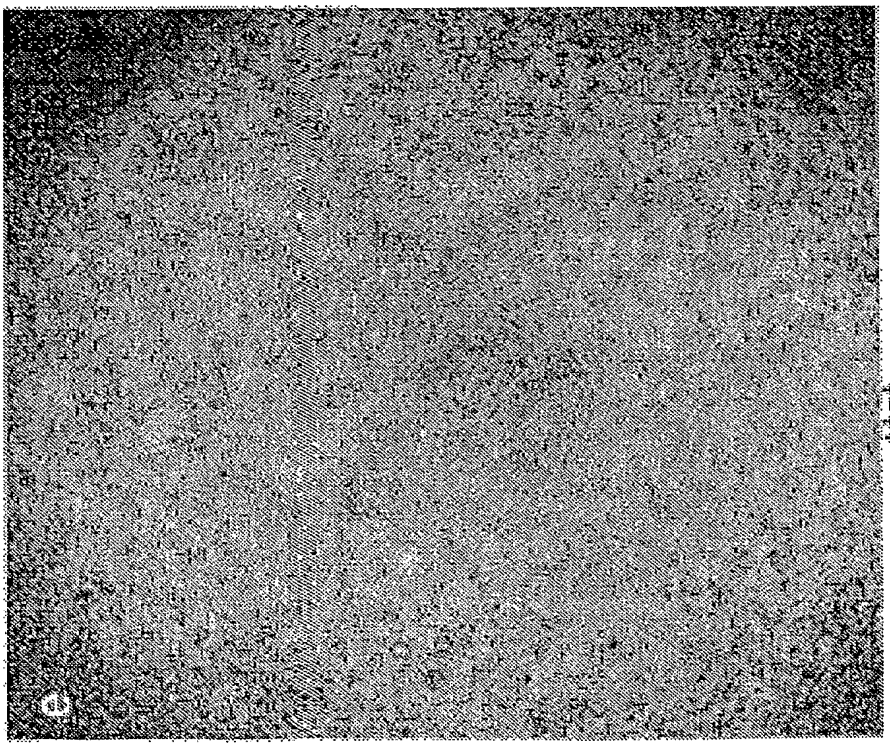


Fig.10e (Src)

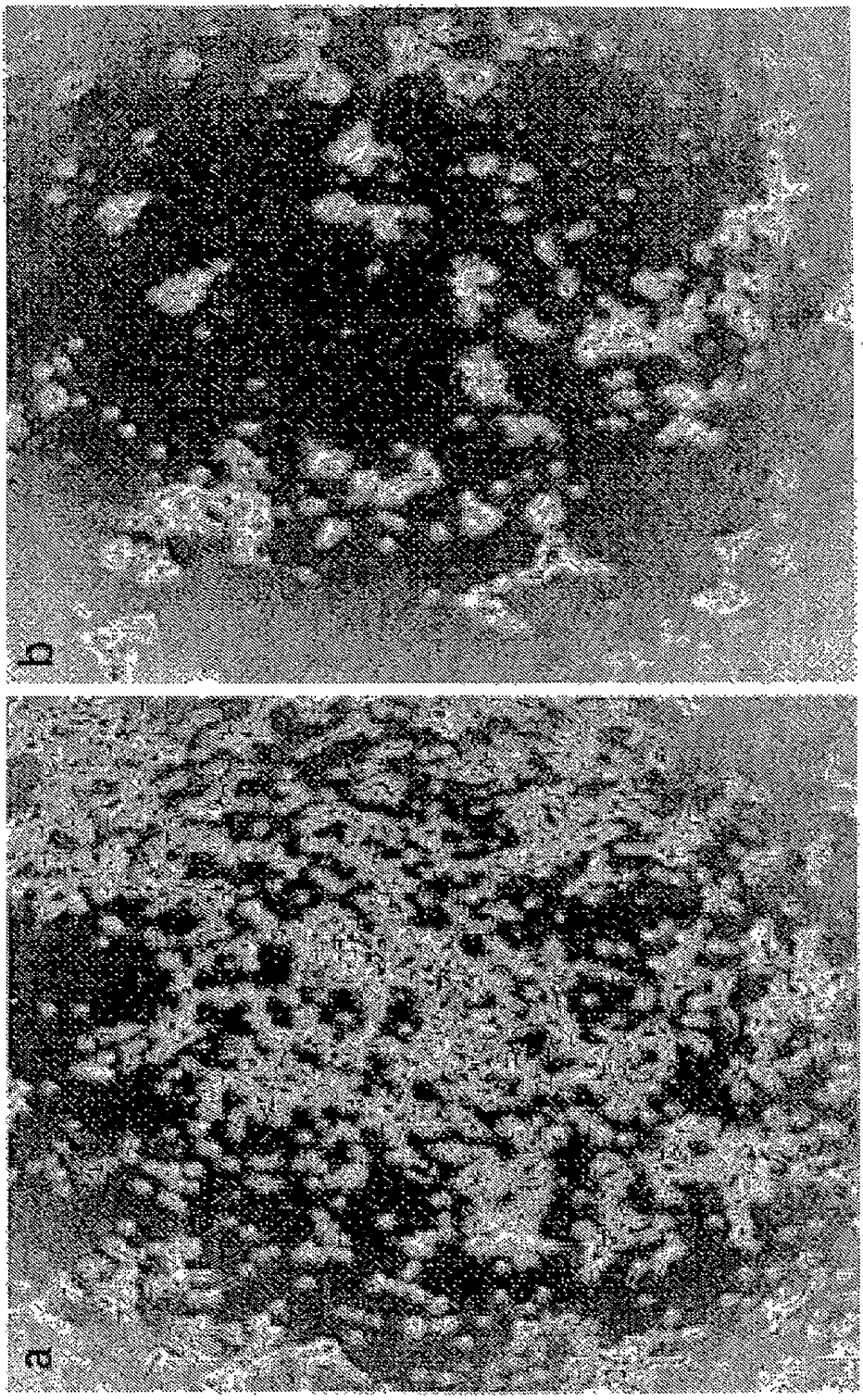


Fig.11a,b

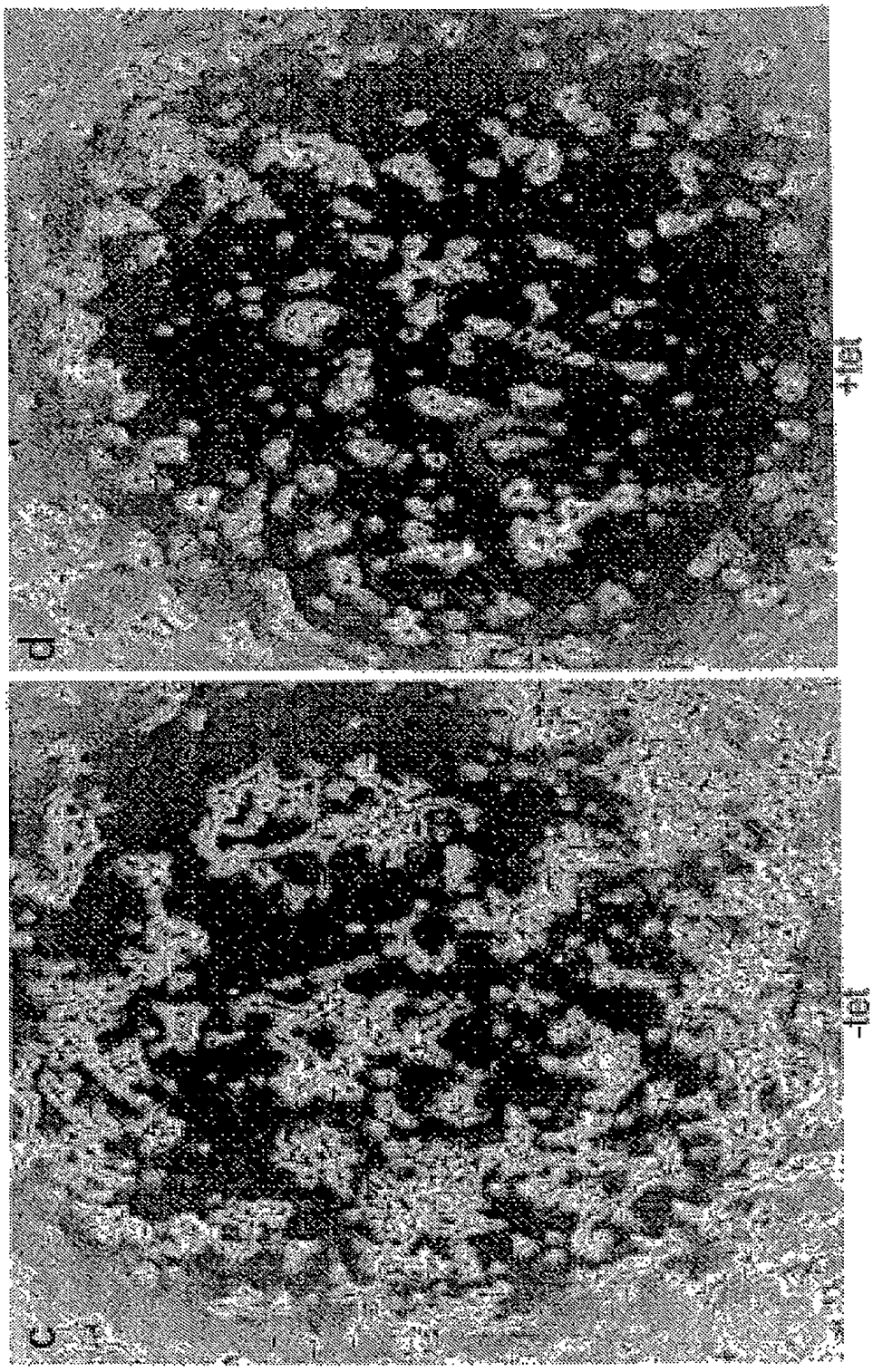


Fig.11c,d (Src-KA) (10μM PP1-Chr.+ 5μM PP2)

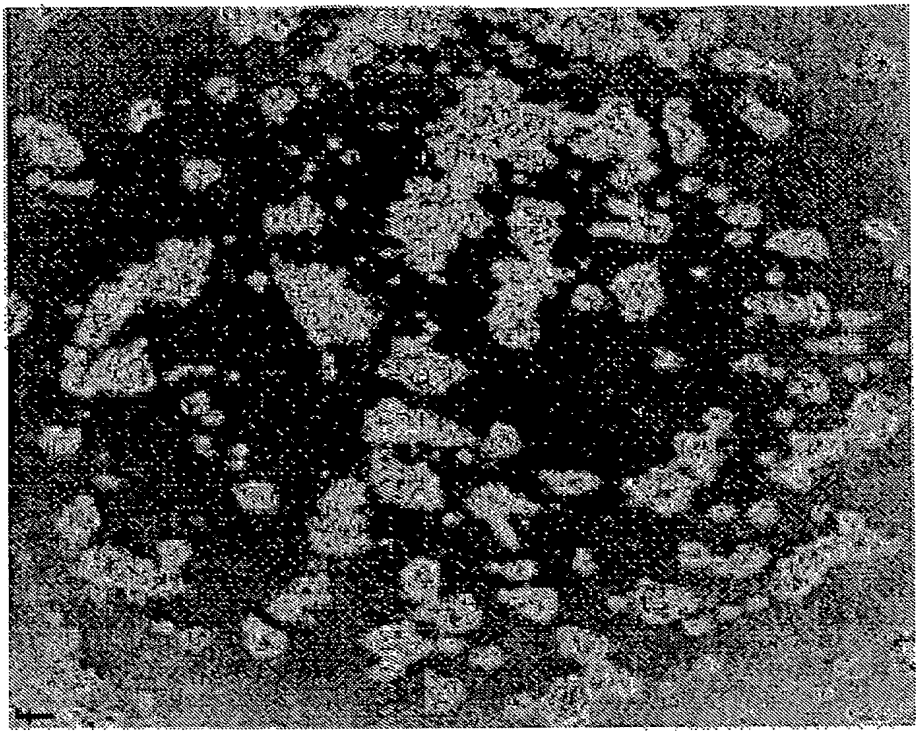


Fig.11e,f

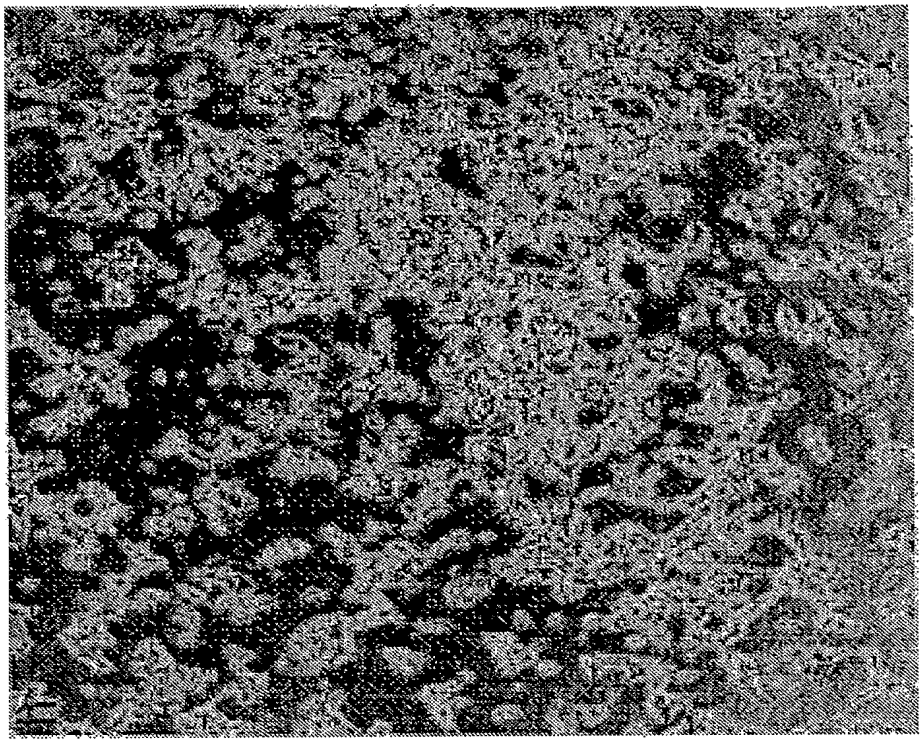


Fig.11g,h

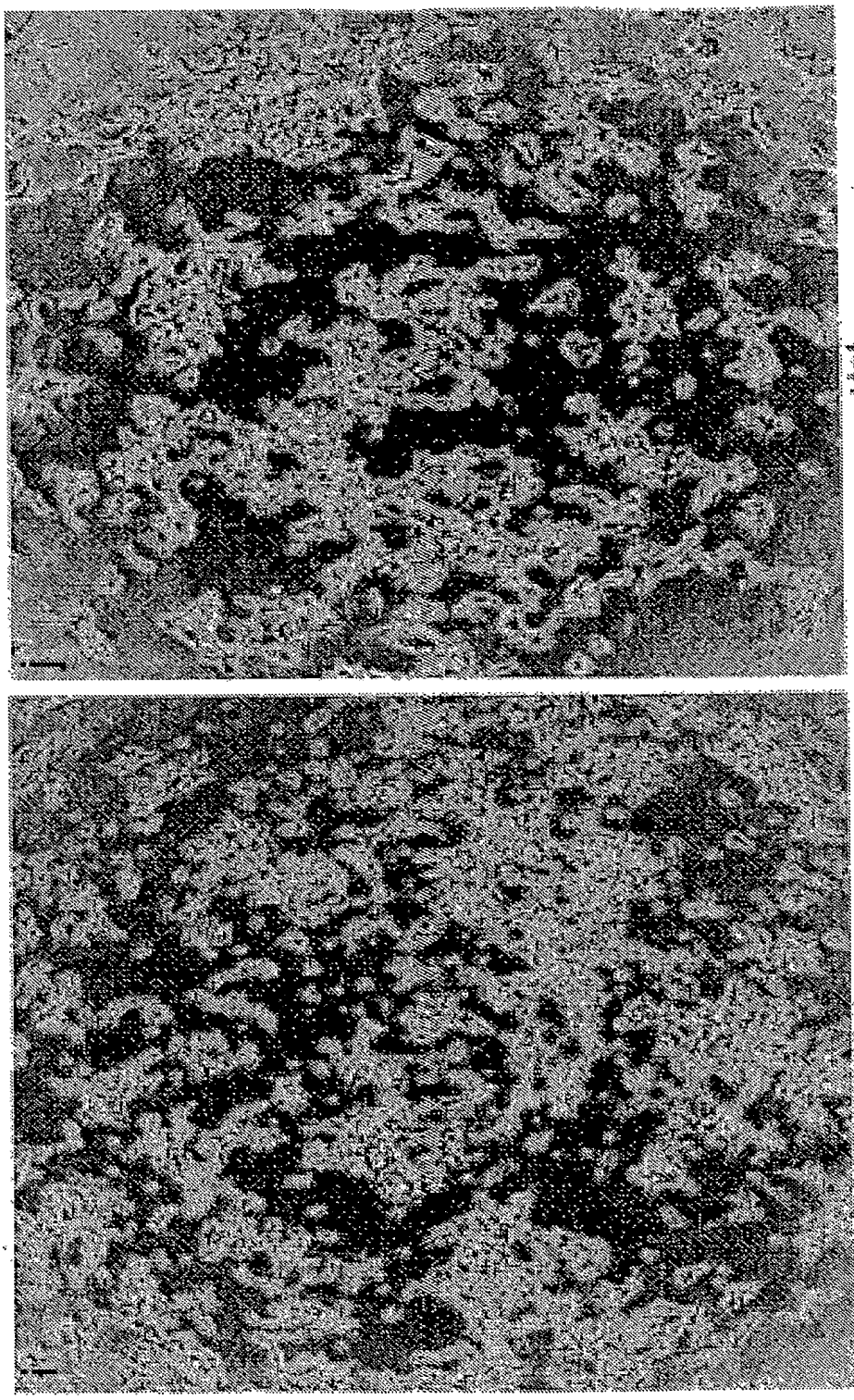


Fig.11i,j

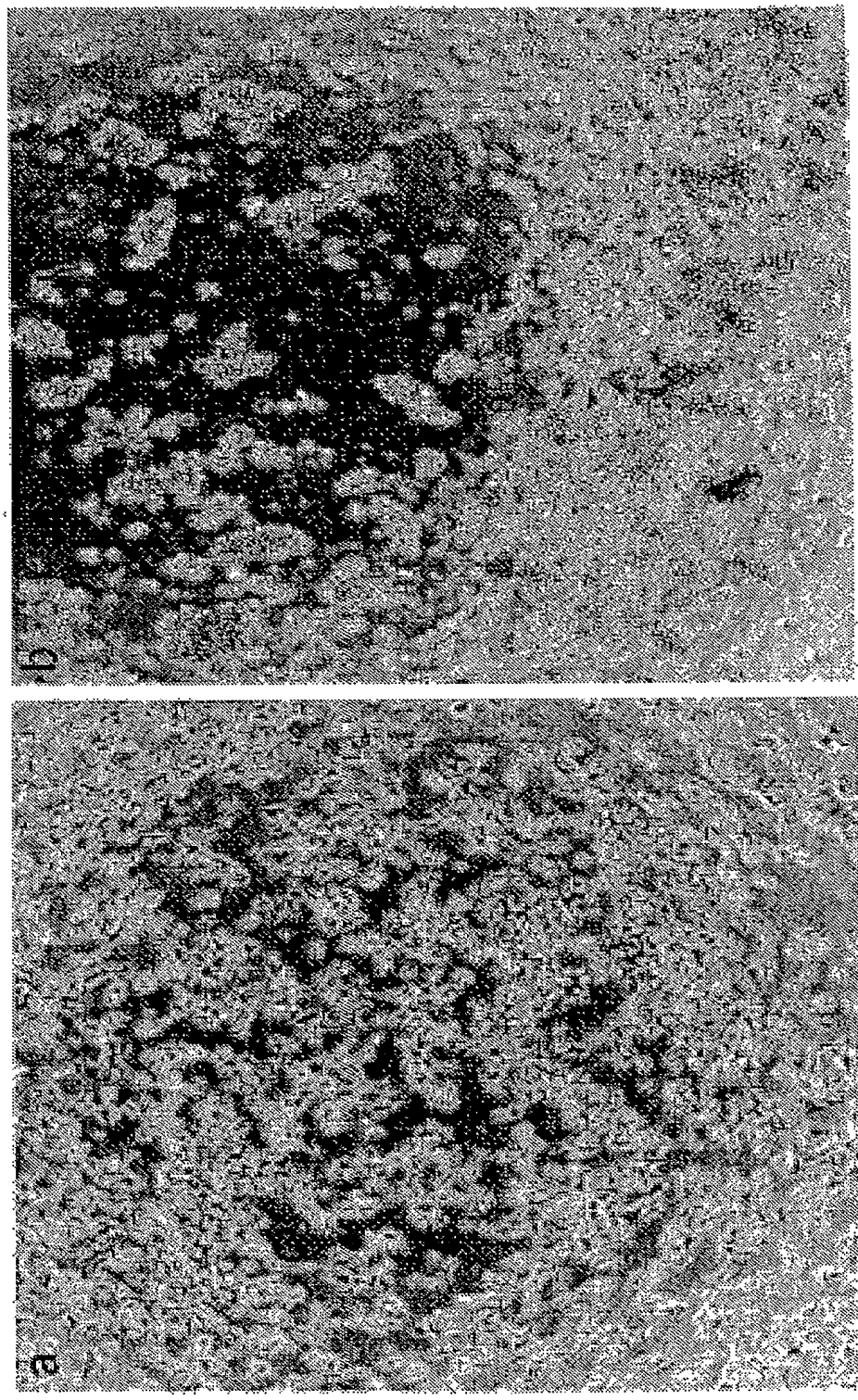


Fig.12a,b

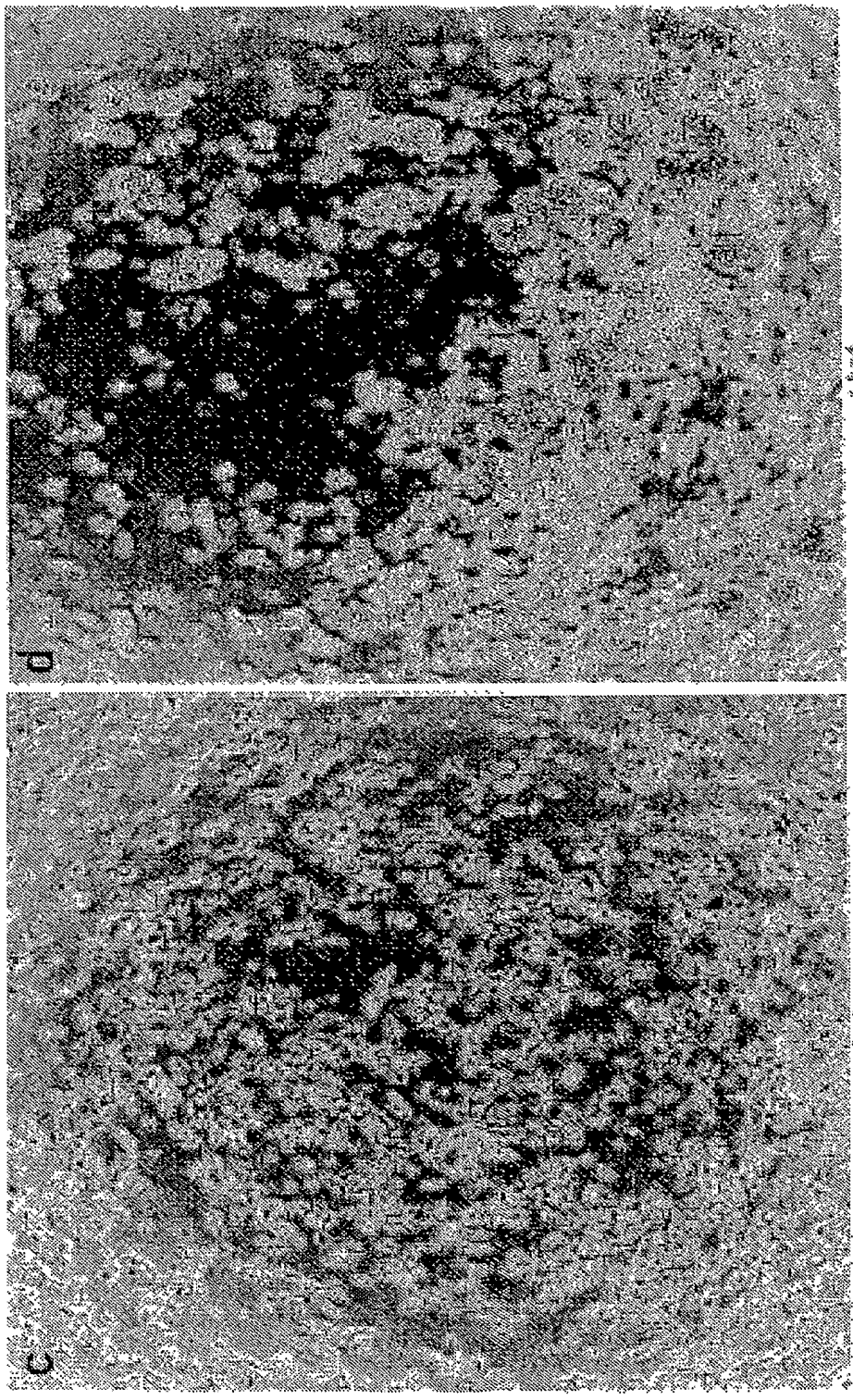


Fig.12c,d

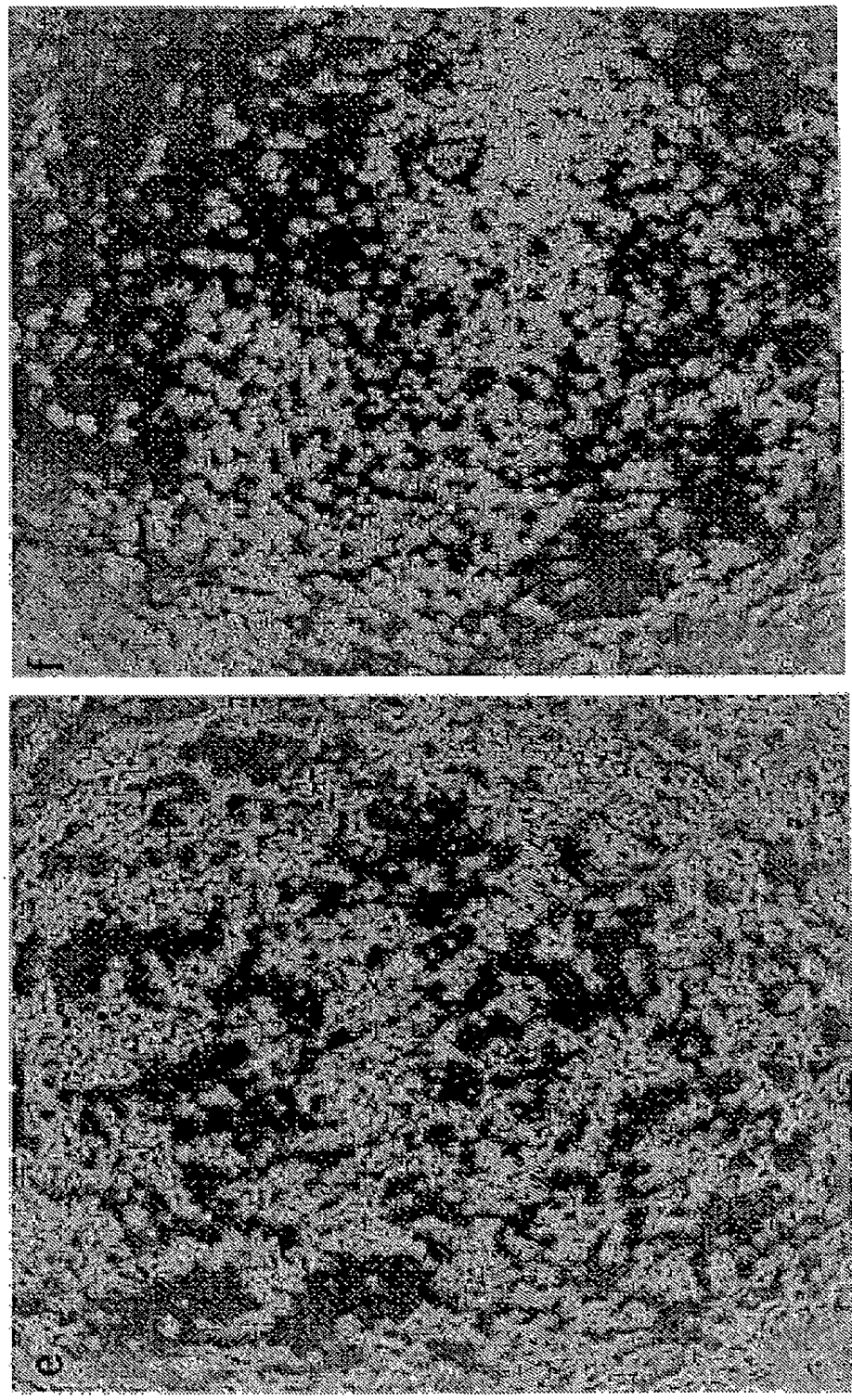


Fig.12e,f

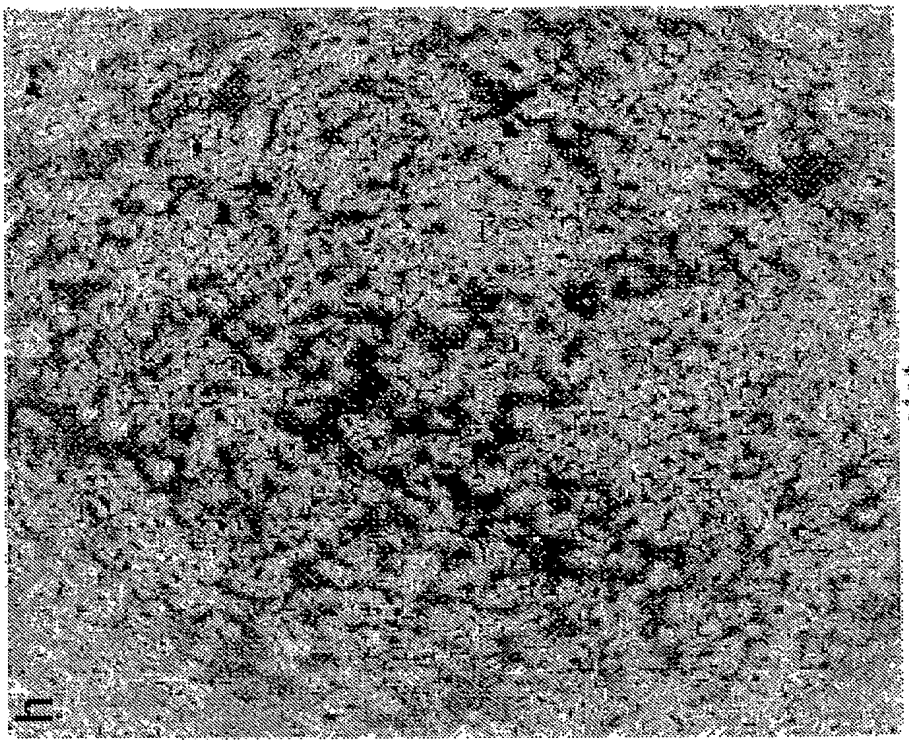


Fig.12g,h

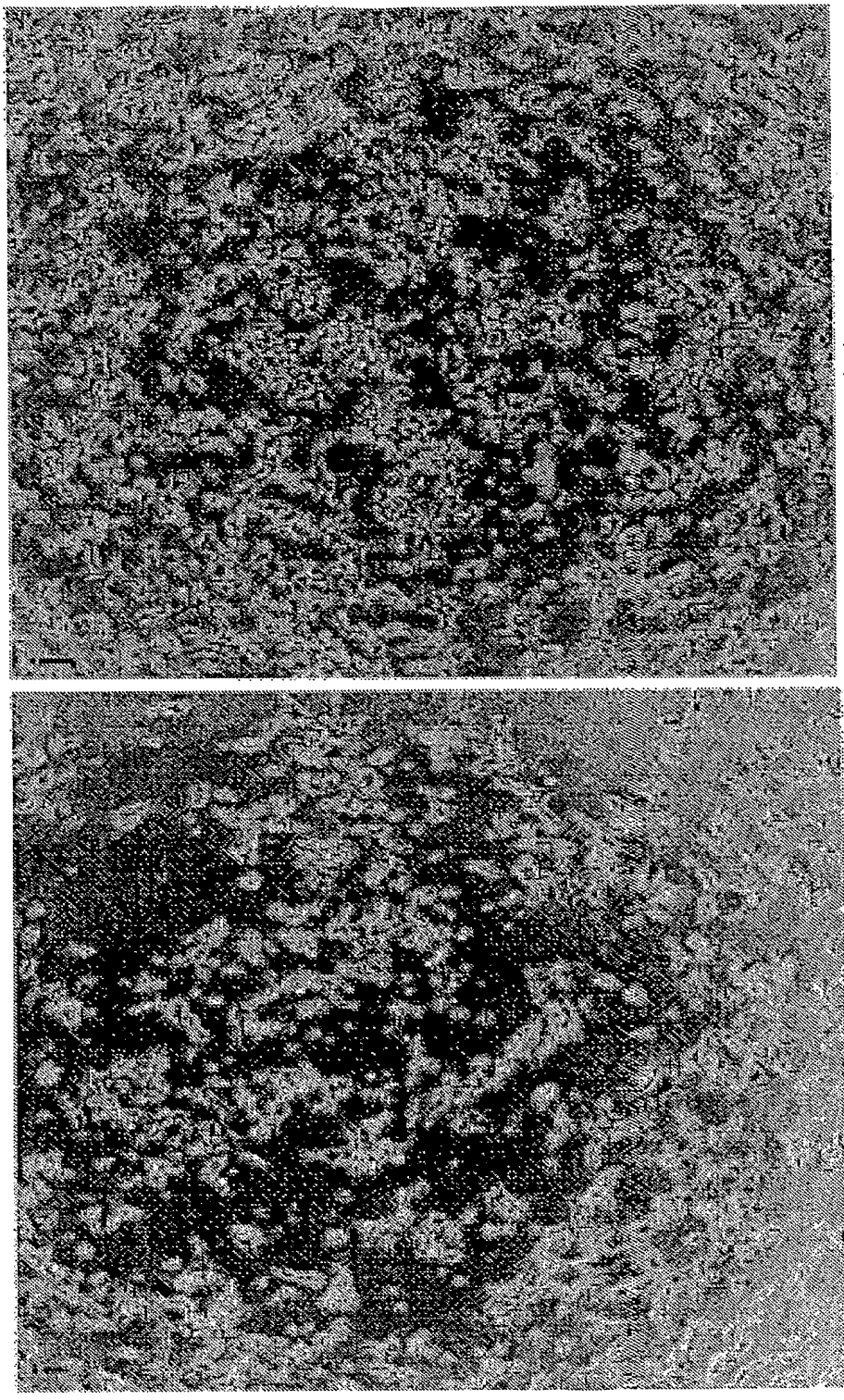


Fig. 12J

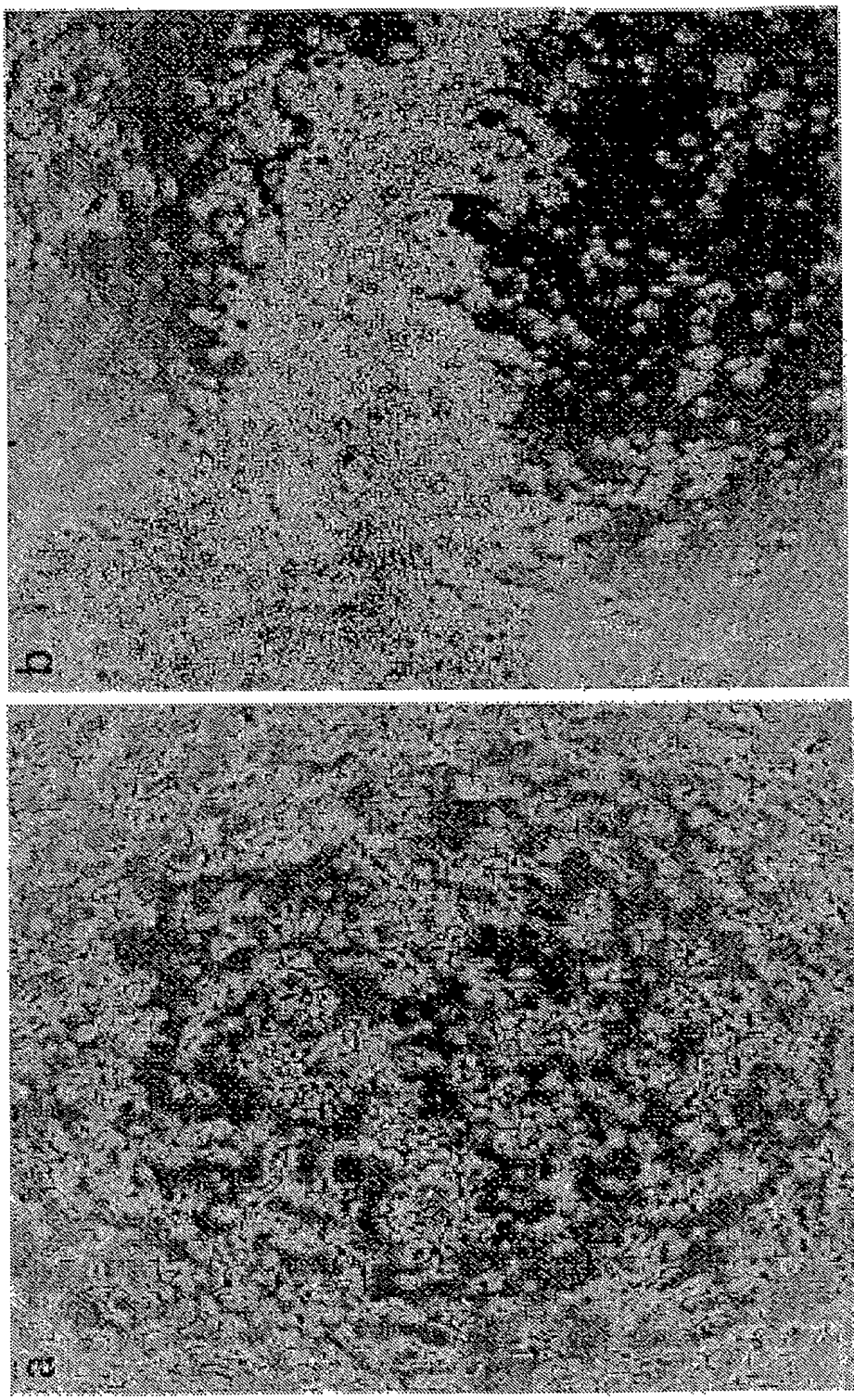
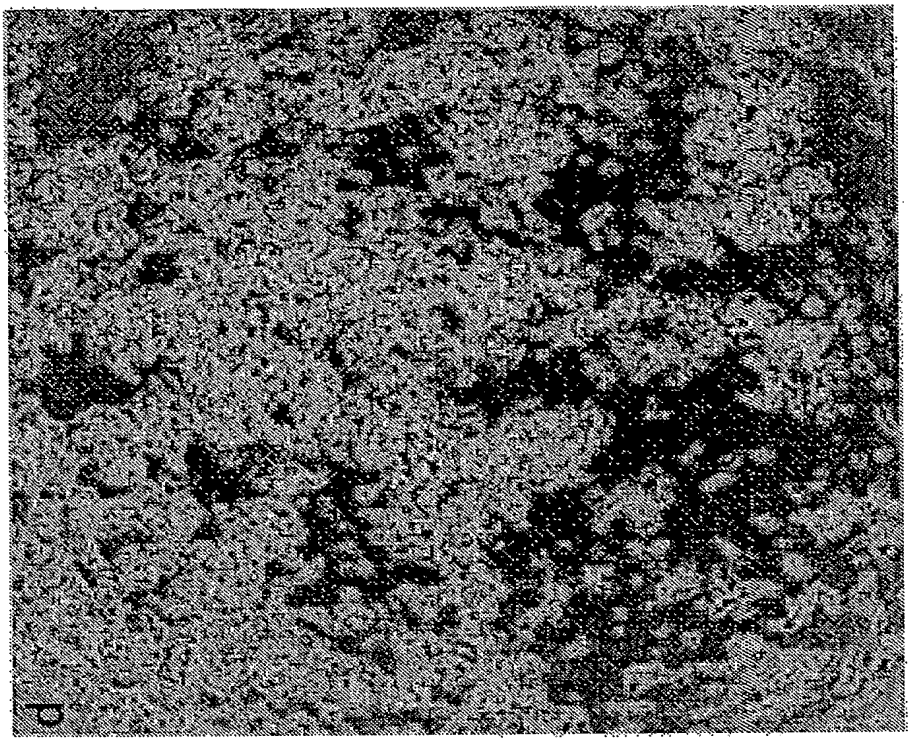


Fig.13a,b



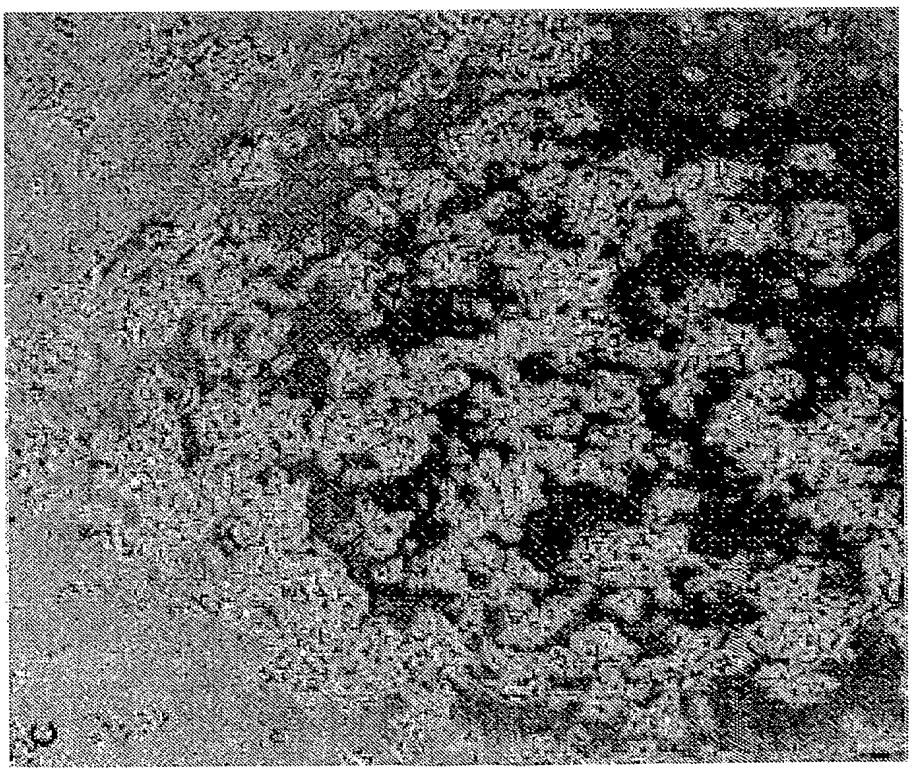


Fig.13c,d

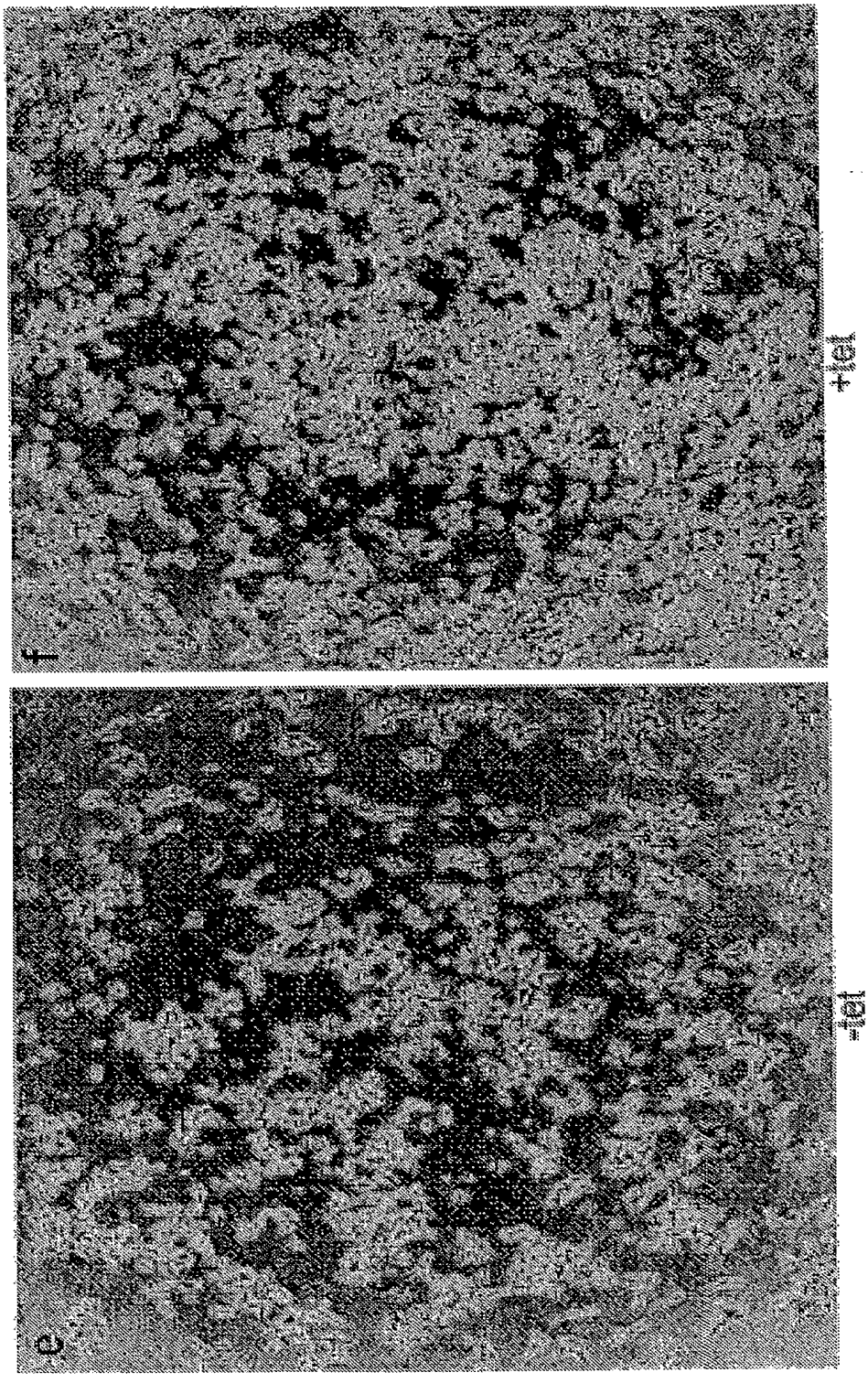


Fig.13e,f

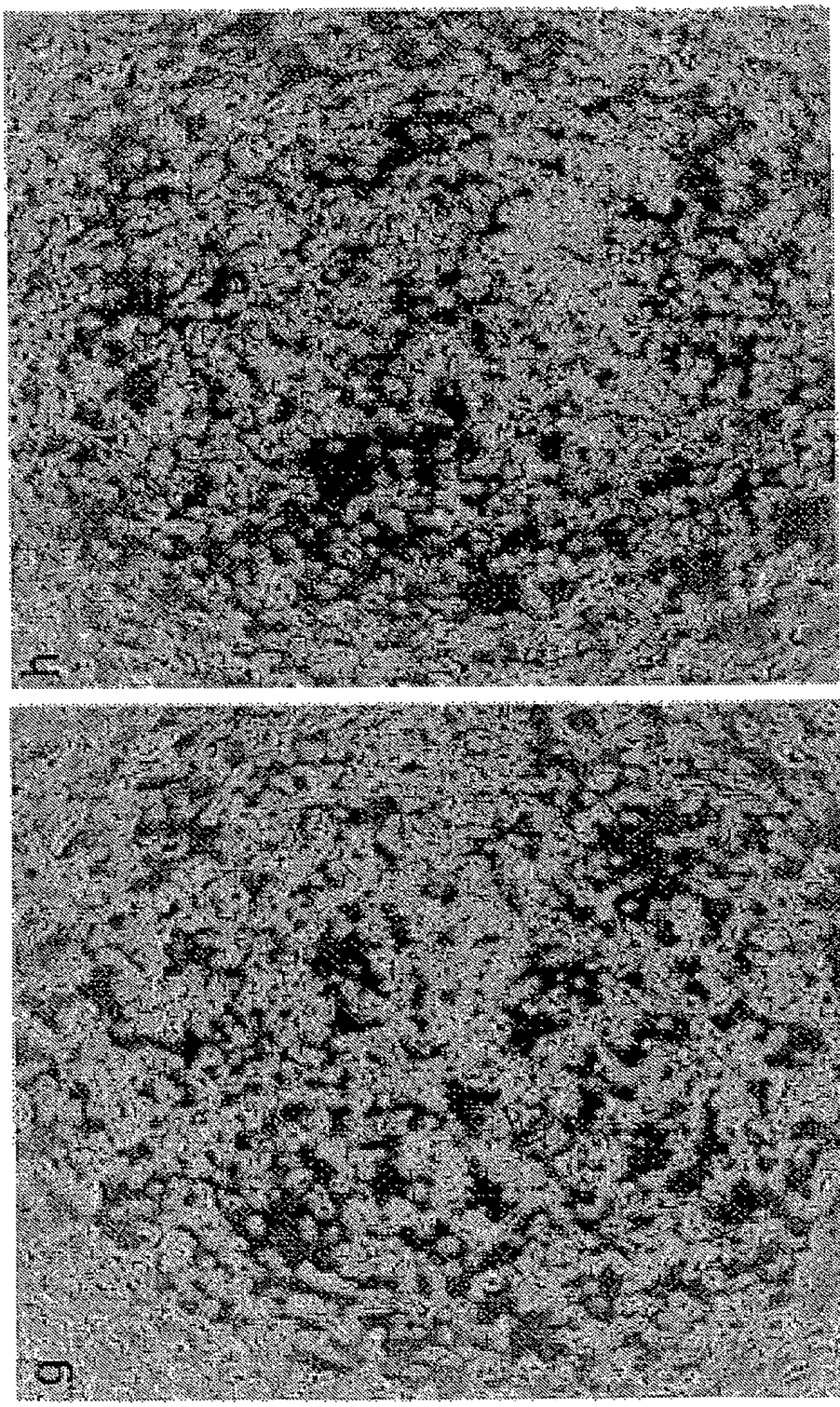


Fig.13g,h

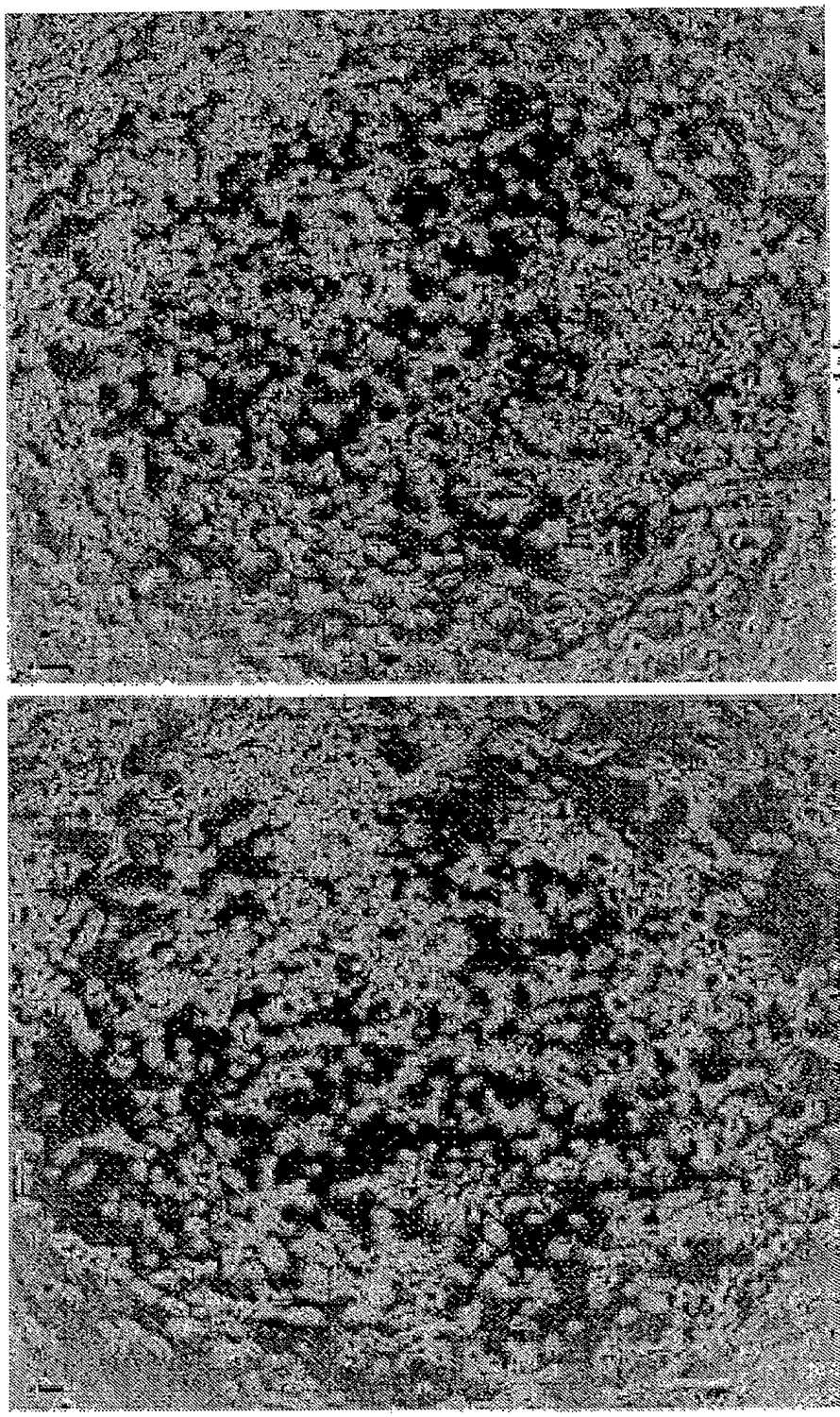


Fig.13J

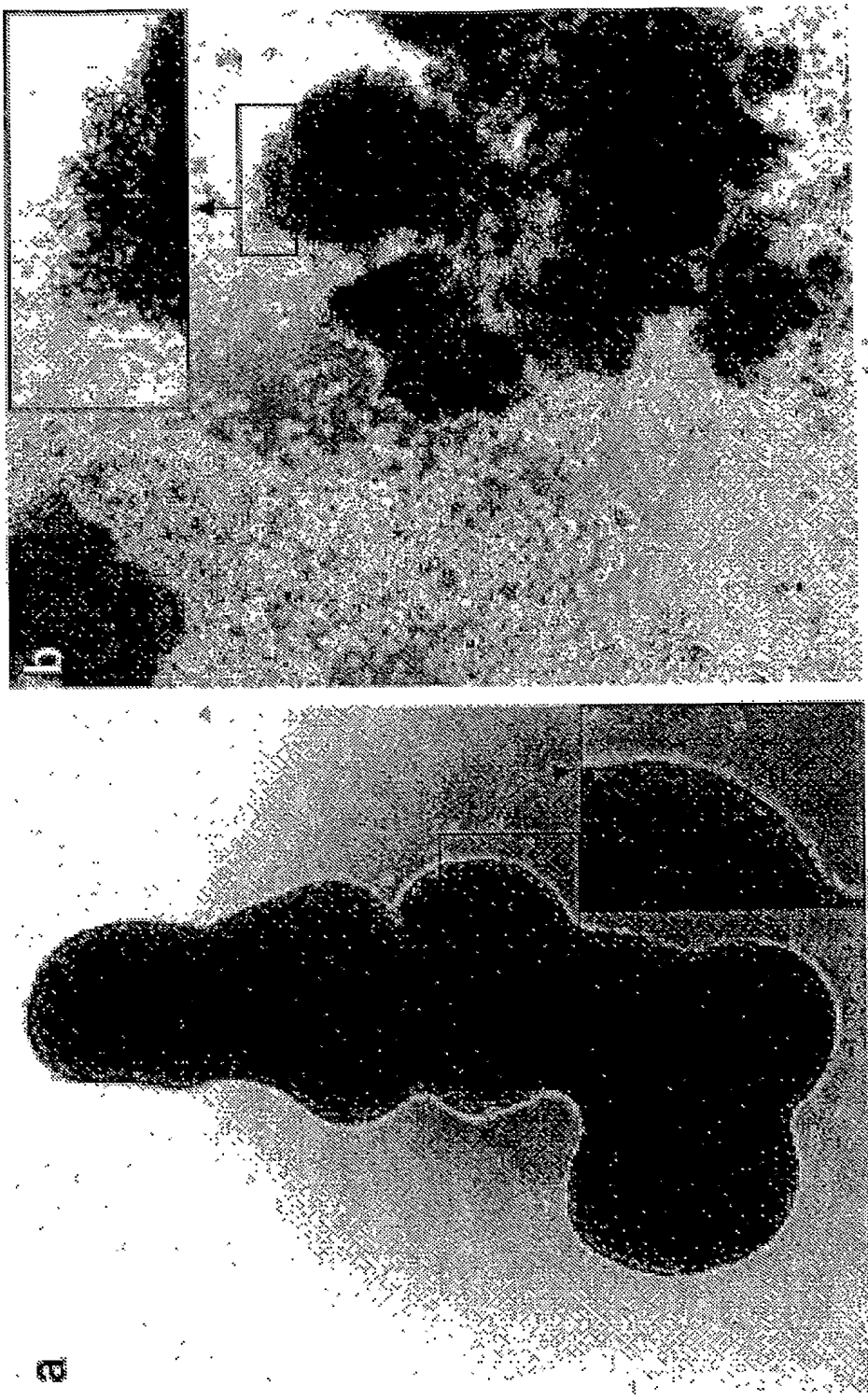


Fig.14a,b

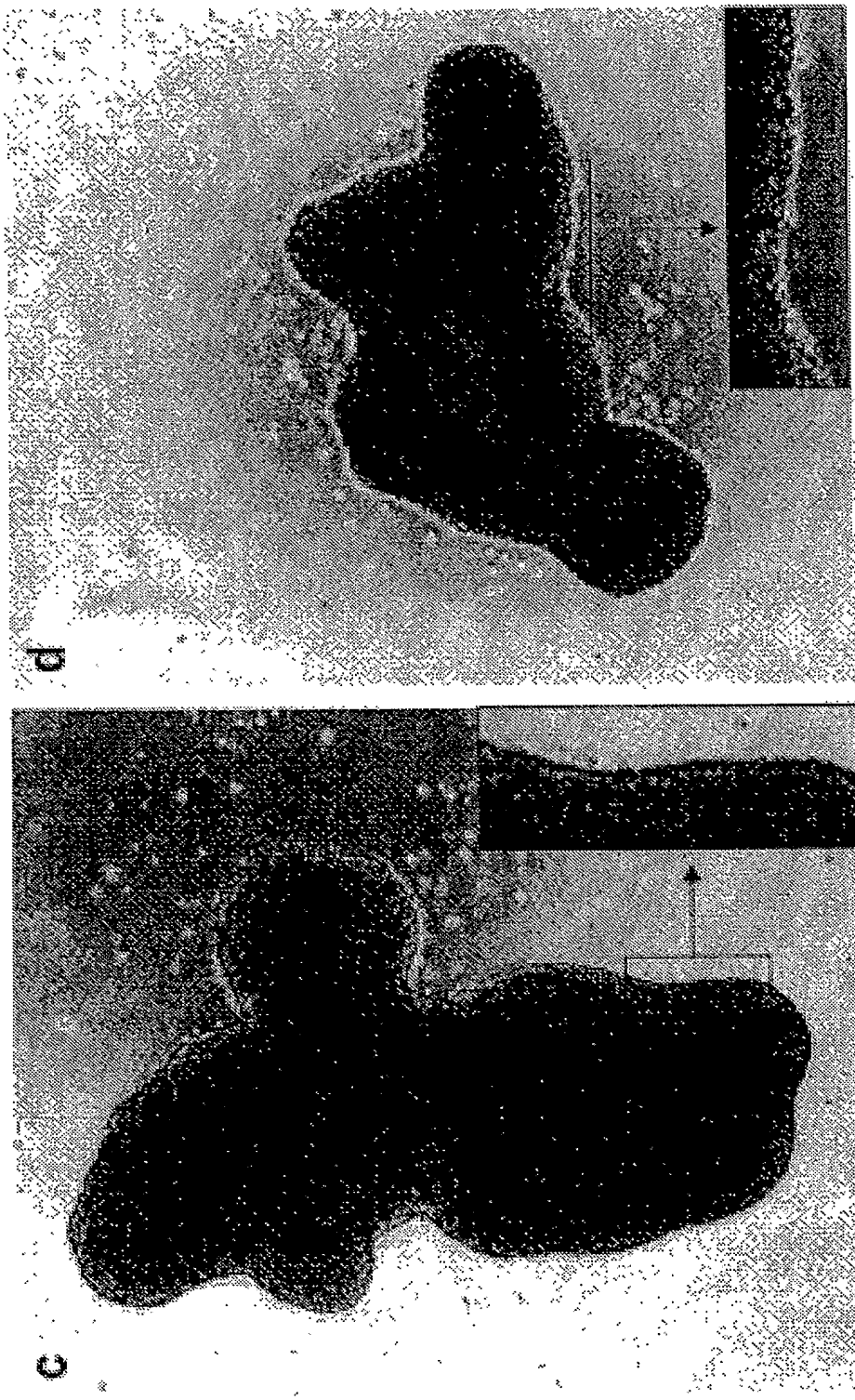


Fig.14c,d

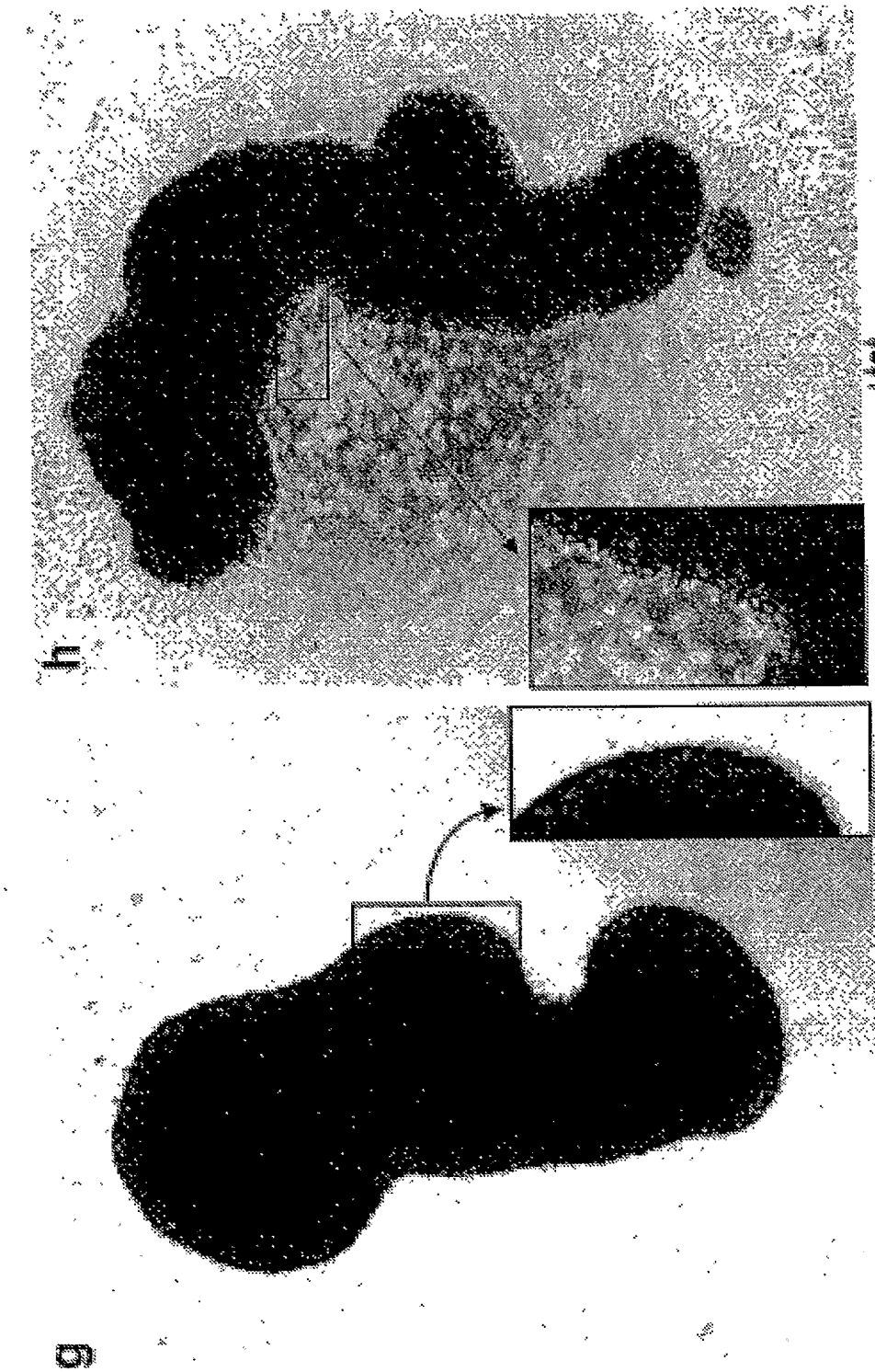
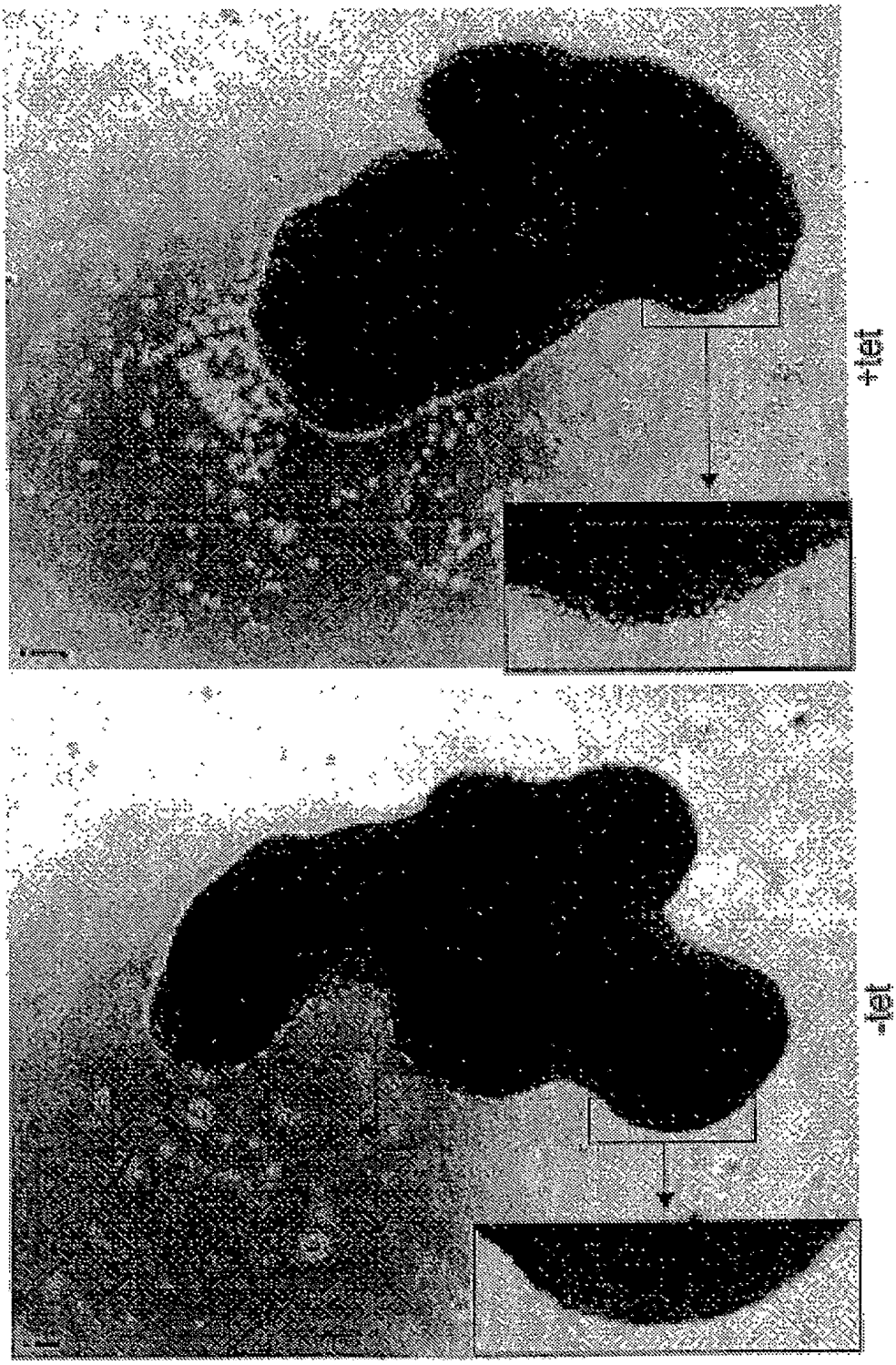


Fig.14g,h



(5μM PP2)

(Src-YF)

Fig.14J

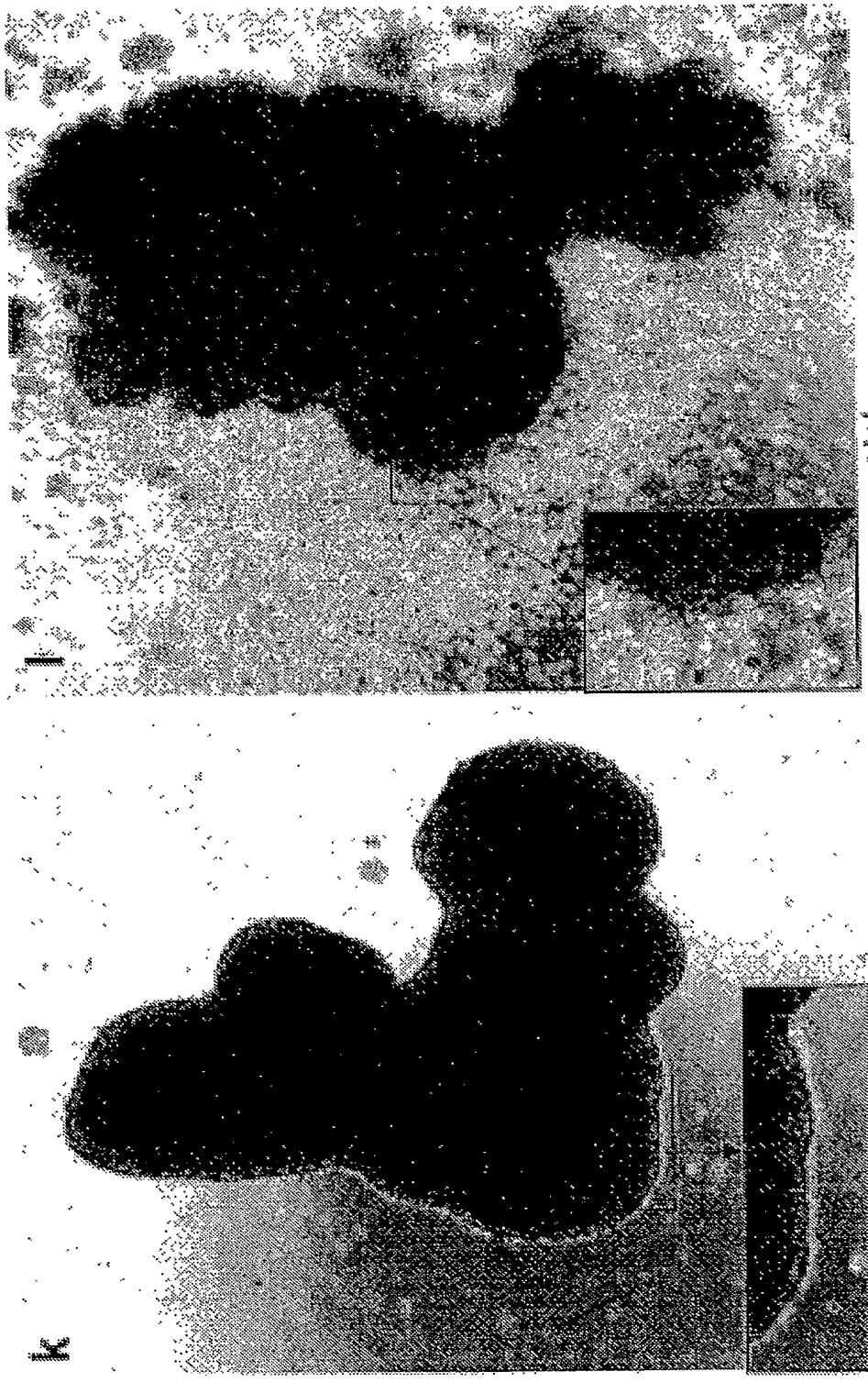


Fig.14k,l

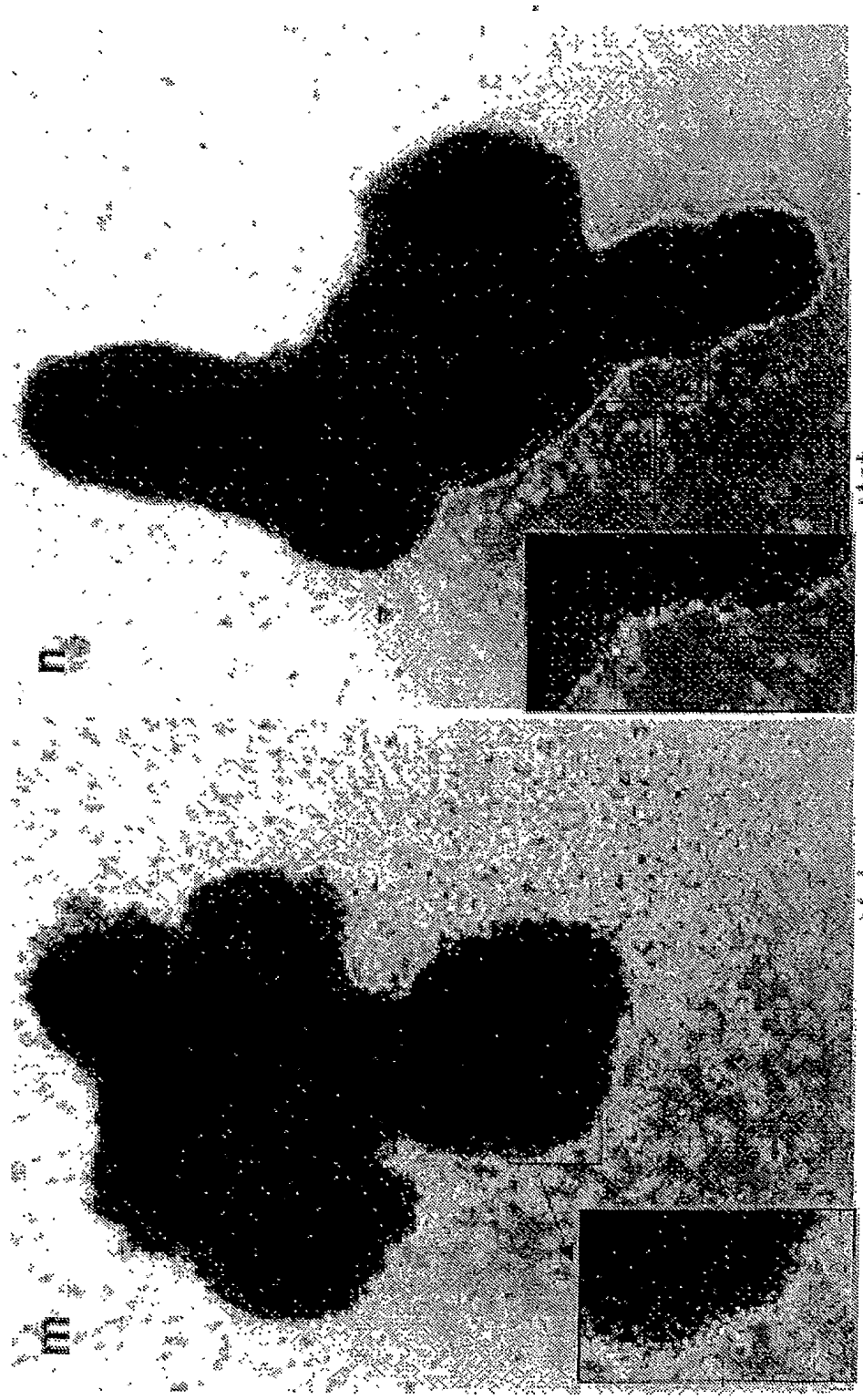


Fig.14m,n

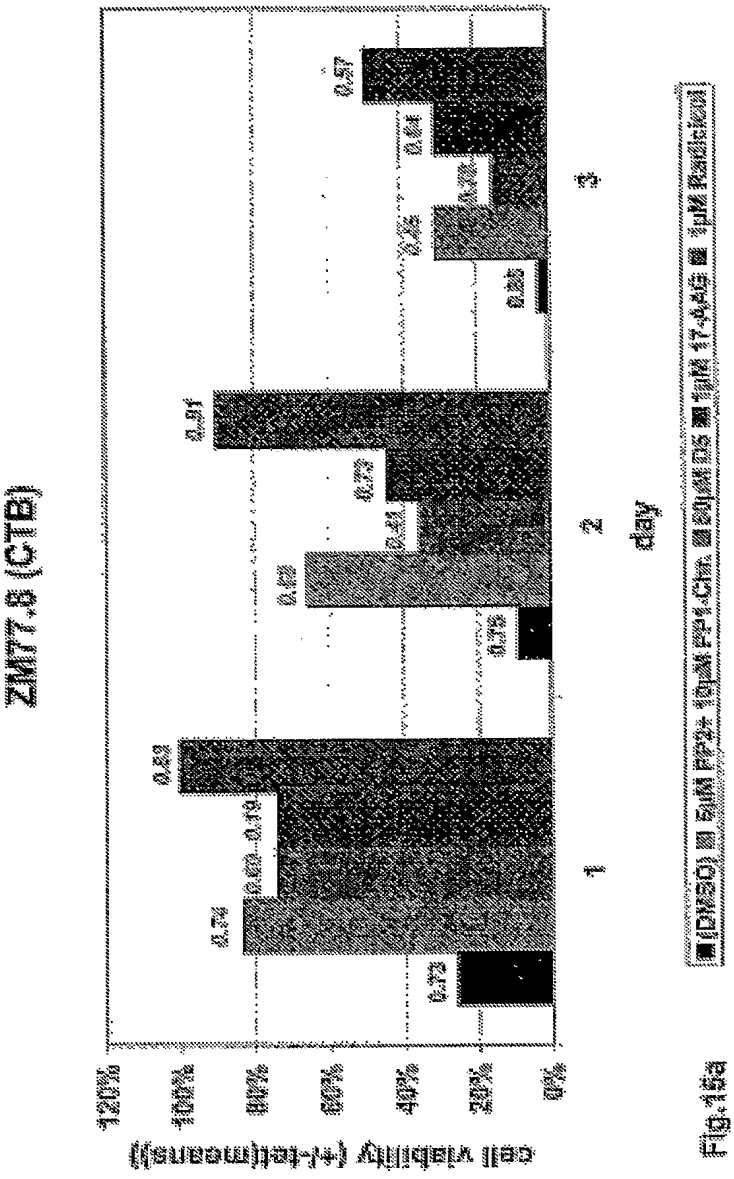

ZM77.8 (CTB)
cell viability (+/-tet(means))
120%
100%
80%
60%
40%
20%
0%
0.73
0.74
0.79
0.83
0.75
0.48
0.41
0.73
0.91
0.25
0.26
0.44
0.57
1
2
3
day
(DMSO) 5uM PP2+ 10uM PP1-Chx 20uM DS 1uM 17-AAG 1uM Radicicol

Fig.15a

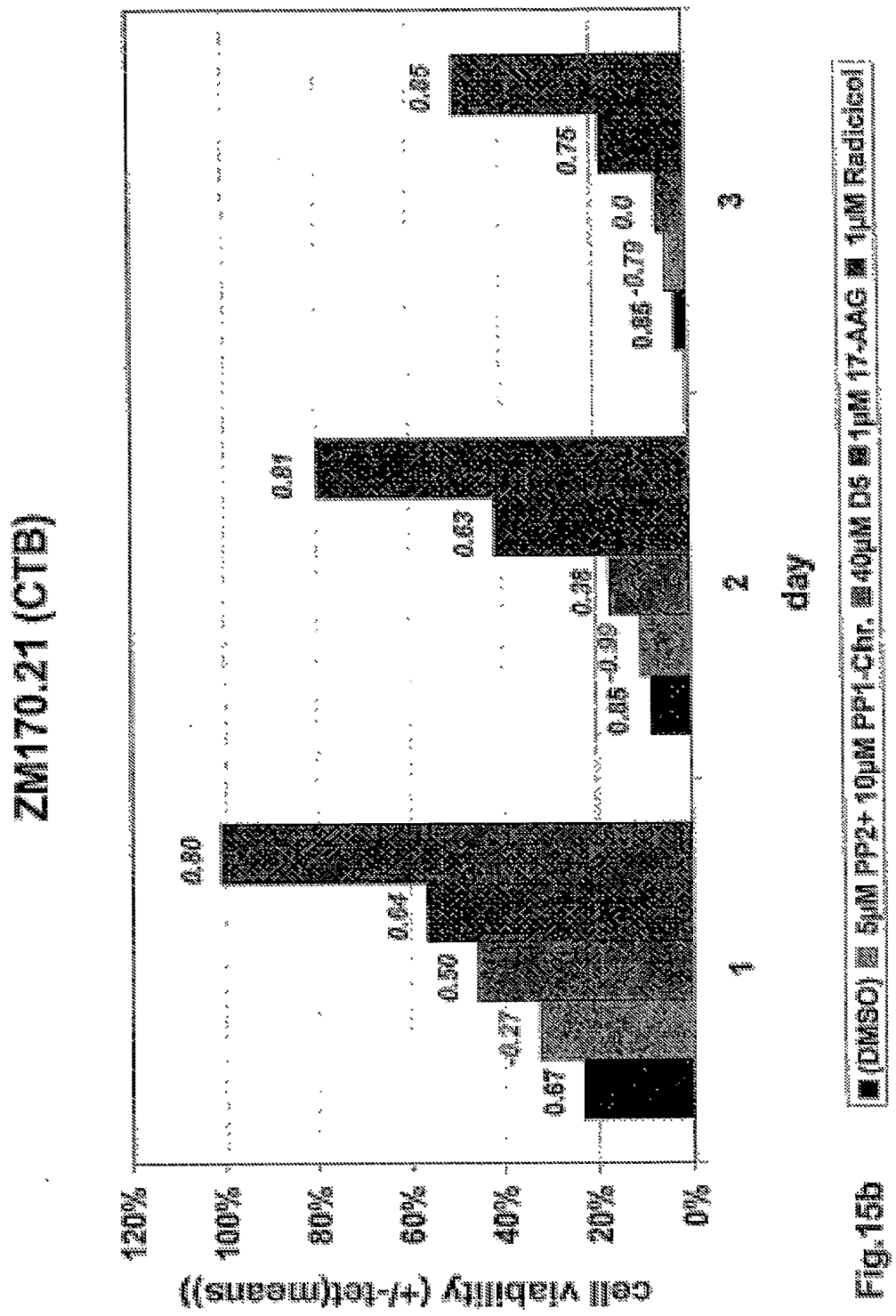

ZM170.21 (CTB)
cell viability (+/-tet(means))
120%
100%
80%
60%
40%
20%
0%
0.80
0.64
0.50
-0.27
0.67
0.91
0.63
0.26
0.85
-0.99
0.85
0.75
0.0
0.85
-0.79
1
2
3
day
(DMSO) 5µM PP2+ 10µM PP1-Chr. 40µM D5 1µM 17-AAG 1µM Radicicol

Fig.15b

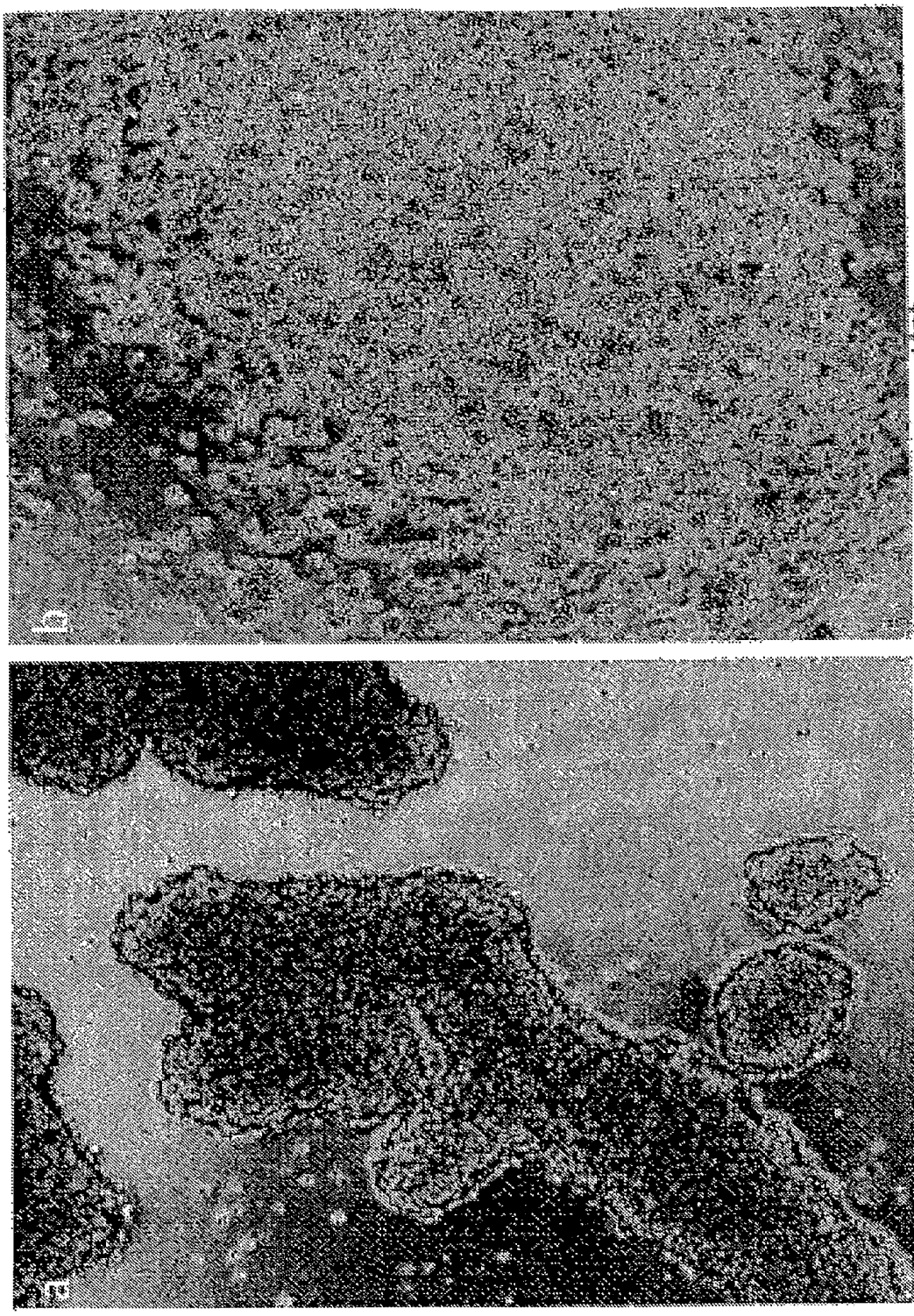


Fig.16a,b

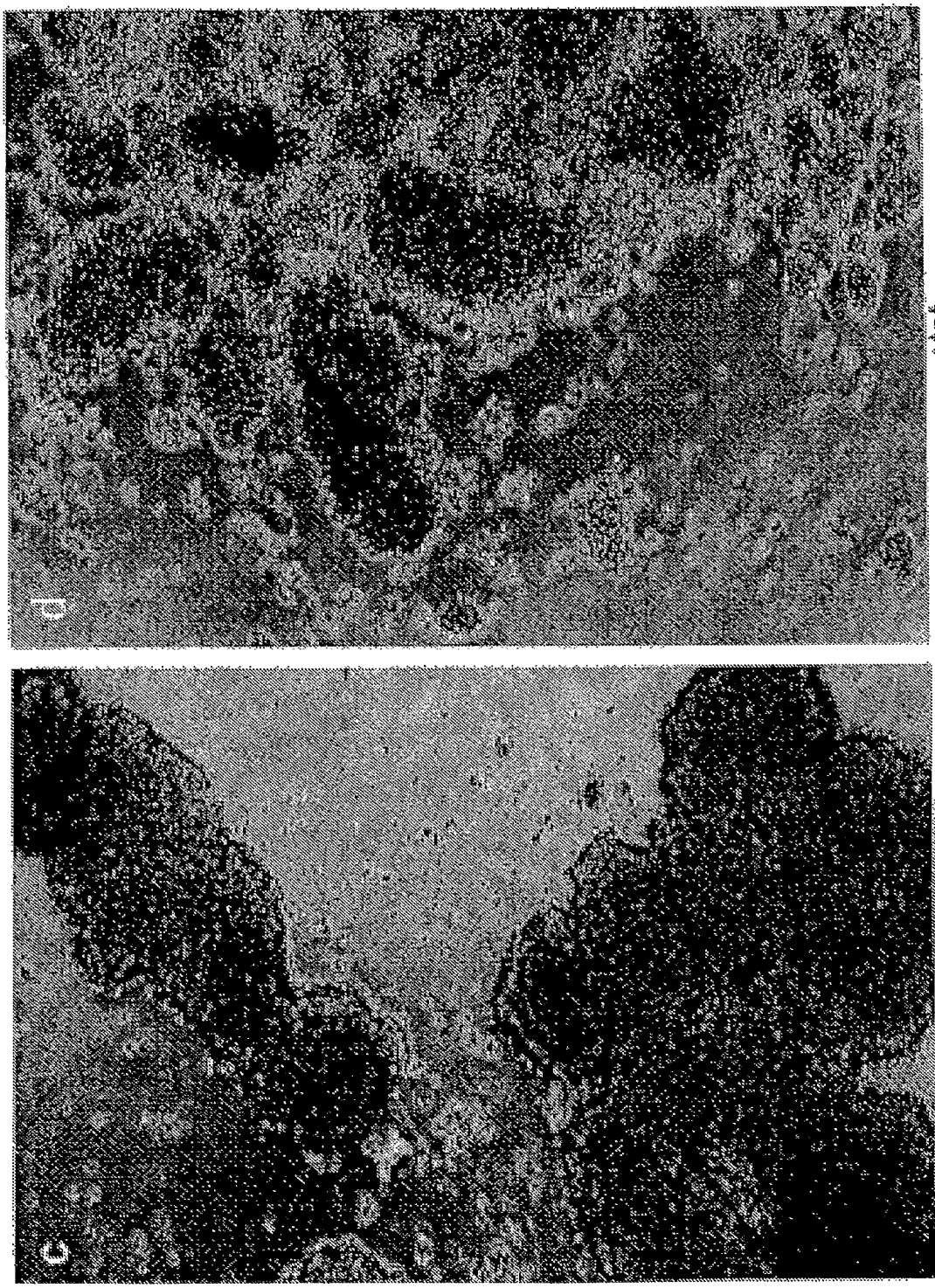


Fig.10c,d

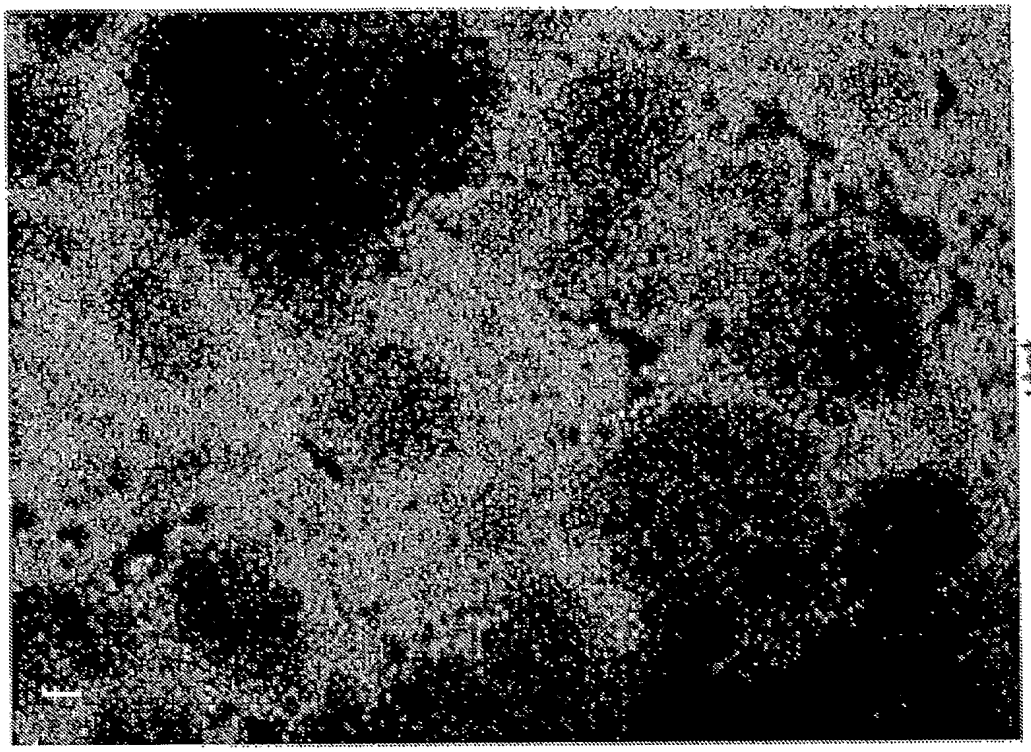
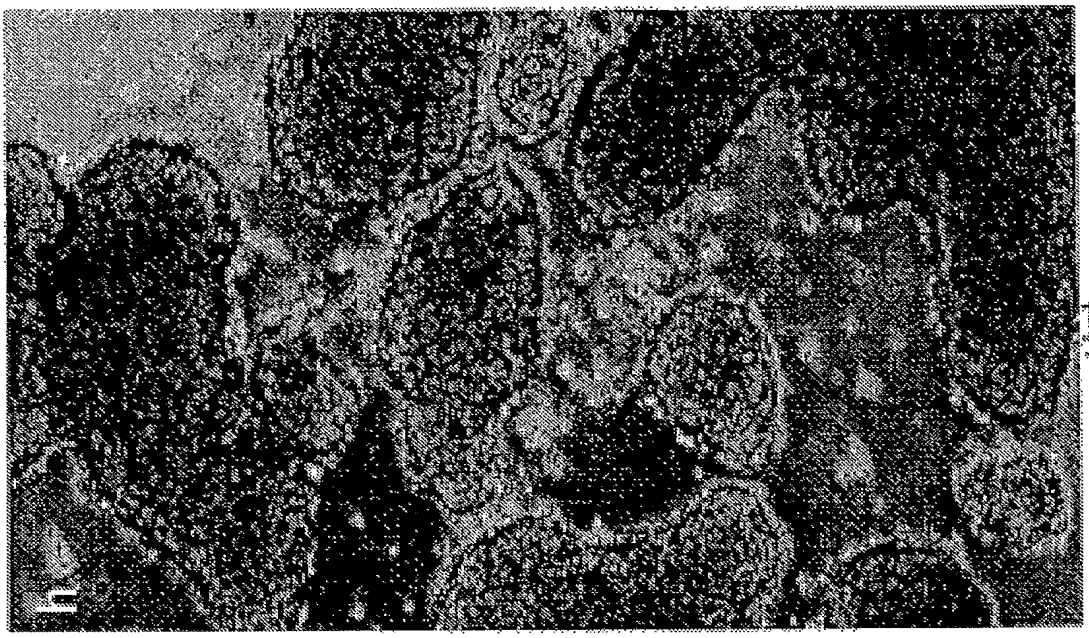


Fig.16e,f



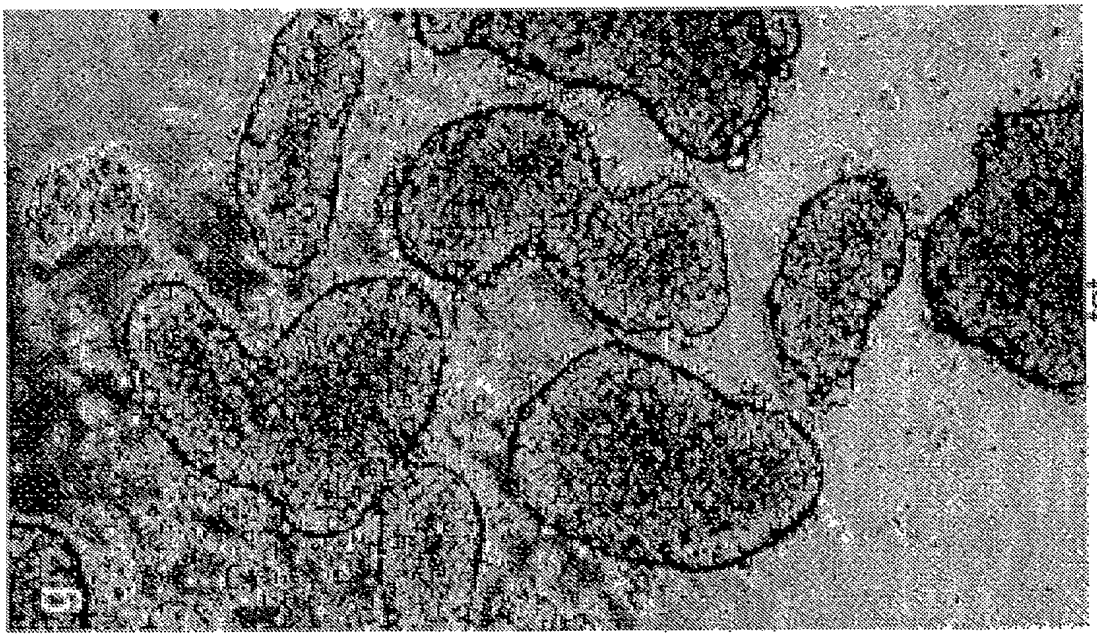
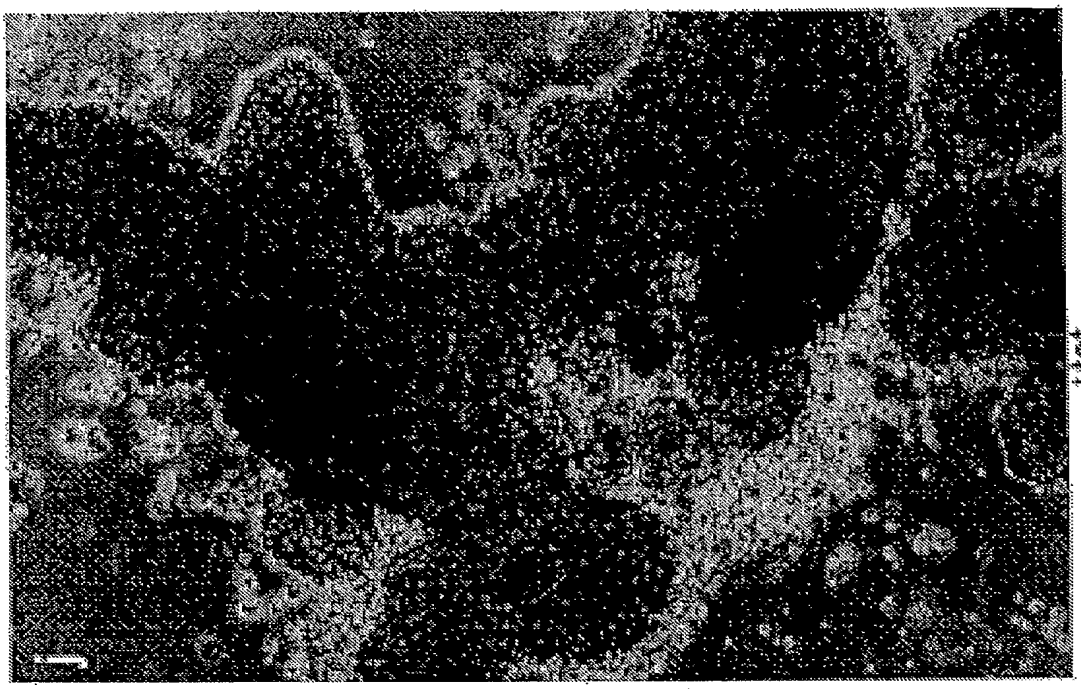


Fig.16g,h



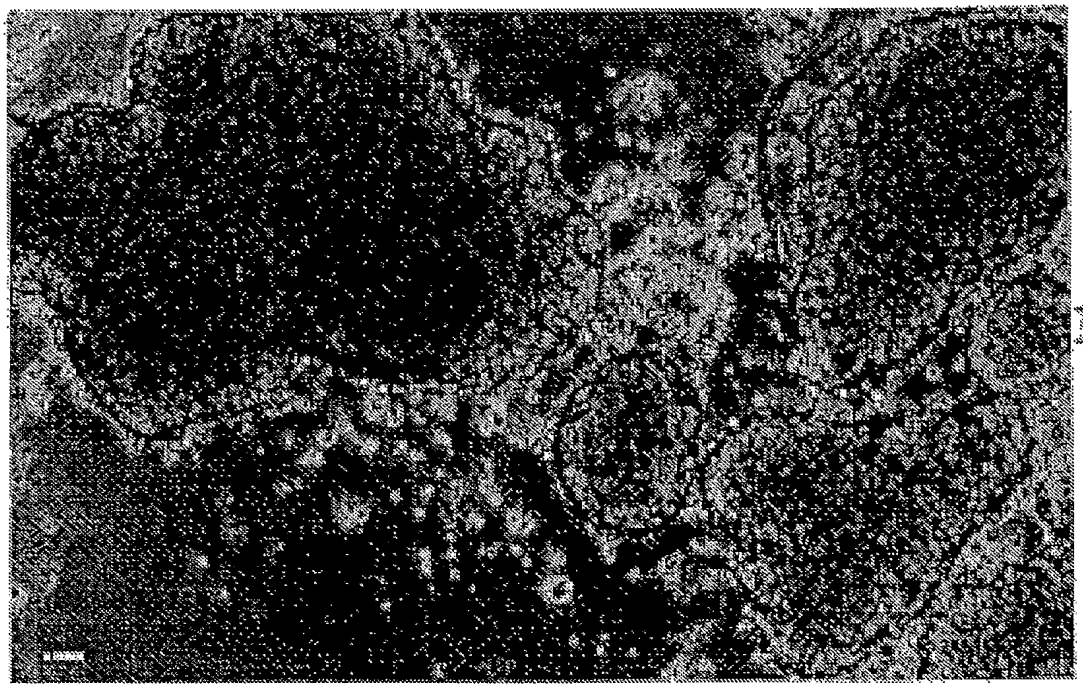


Fig.16I,J

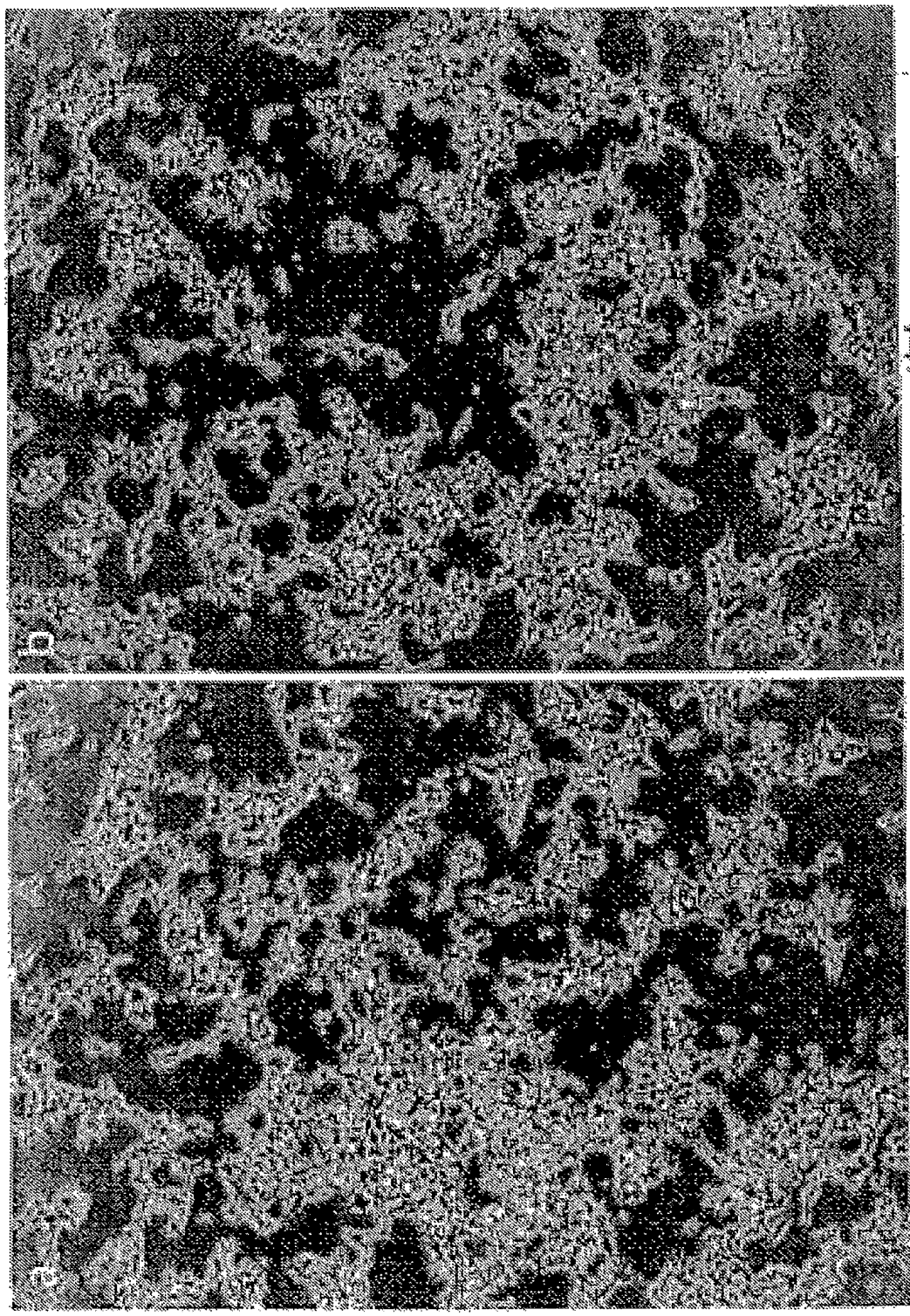


Fig.17a,b

(1)

```
Src  ----------MGSNKSKP-KDASQRRRSLEPAENVHGAGG--GAFPASQT
Yes  ----------MGCIKSKENKSPAIKYRPENTPEPVSTSVSHYGAEPTTVS
Fyn  ----------MGCVQCKDKE------ATKLTEERDGSLNQS-SGYRYGTD
Yrk  ----------MGCVHCKEKI------SGKGQGGSGTGTPAH-PPSQYDPD
Fgr  ----------MGCVFCKKLEPVA---TAKEDAGLEGDFRSYGAADHYGPD
Hck  GGRSSCEDPGCPRDEERAPRMGCMKSKFLQVGGN-----TFSKTETSASPHCPVYVPDPT
Lyn  ----------MGCIKSKGKDSLSDD---GVDLKTQPVRNTERTIYVRDPT
Lck  ----------MGCGCSSHPE--DD-----WMENIDVCENCHYPIVPLDGK
Blk  ----------MGLVSSKKPDKEKP------IKEKDKGQWSPLKVSAQDKD
                         **   ..

Src  PSKPASADGHRG--PSAAFAPAAAEP--KLFGGFNSSDTVTSPQRAGPLAGGVTTFVALY
Yes  PCPSSSAKGTAVNFSSLSMTPFGGSSGVTPFGGASSSFSVVPSSYPAGLTGGVTIFVALY
Fyn  PTPQHYPSFGVTSIPNYNNFHAAGGQGLTVFGG--VNSSSHTGTLRTRGGTGVTLFVALY
Yrk  PTQLSG---AFTHIPDFNNFHAAAVSPPVPFSGPGFYPCNTLQAHSSITGGGVTLFIALY
Fgr  PTKARPAS-SFAHIPNYSNFSSQAINPGFLDSG----------TIRGVSGIGVTLFIALY
Hck  STIKPGPNSHNSNTPG----IREAGS-------------------------EDIIVVALY
Lyn  SNKQQRPVPESQLLPGQRFQTKDPEE-----------------------QGDIVVALY
Lck  GTLLIRNGSEVRDPLVTYEGSNPPASP-----------------------LQDNLVIALH
Blk  APPLPPLVVFNHLTPPPPDEHLDEDK---------------------------HFVVALY
                                                        .:**:

                SH3
Src  DYESRTETDLSFKKGERLQIVNNTEGDWWLAHSLSTGQTGYIPSNYVAPSDSIQAEEWYF
Yes  DYEARTTEDLSFKKGERFQIINNTEGDWWEARSIATGKNGYIPSNYVAPADSIQAEEWYF
Fyn  DYEARTEDDLSFHKGEKFQILNSSEGDWWEARSLTTGETGYIPSNYVAPVDSIQAEEWYF
Yrk  DYEARTEDDLSFQKGEKFHIINNTEGDWWEARSLSSGATGYIPSNYVAPVDSIQAEEWYF
Fgr  DYEARTEDDLTFTKGEKFHILNNTEGDWWEARSLSSGKTGCIPSNYVAPVDSIQAEEWYF
Hck  DYEAIHHEDLSFQKGDQMVVLEES-GEWWKARSLATRKEGYIPSNYVARVDSLETEEWFF
Lyn  PYDGIHPDDLSFKKGEKMKVLEEH-GEWWKAKSLLTKKEGFIPSNYVAKLNTLETEEWFF
Lck  SYEPSHDGDLGFEKGEPLRILEQS-GEWWKAQSLTTGQEGFIPFNFVAKANSLEPEPWFF
Blk  DYTAMNDRDLQMLKGEKLQVLKGT-GDWWLARSLVTGREGYVPSNFVARVESLEMERWFF
      *      ** : **: : :::   *:** *:*: :   * :* *:**  :::: * *:*

                SH2
Src  GKITRRESERLLLNAENPRGTFLVRESETTKGAYCLSVSDFDNAKGLNVKHYKIRKLDSG
Yes  GKMGRKDAERLLLNPGNQRGIFLVRESETTKGAYSLSIRDWDEIRGDNVKHYKIRKLDNG
Fyn  GKLGRKDAERQLLSFGNPRGTFLIRESETTKGAYSLSIRDWDDMKGDHVKHYKIRKLDNG
Yrk  GKIGRKDAERQLLCHGNCRGTFLIRESETTKGAYSLSIRDWDEAKGDHVKHYKIRKLDSG
Fgr  GKIGRKDAERQLLSPGNPQGAFLIRESETTKGAYSLSIRDWDQTRGDHVKHYKIRKLDMG
Hck  KGISRKDAERQLLAPGNMLGSFMIRDSETTKGSYSLSVRDYDPRQGDTVKHYKIRTLDNG
Lyn  KDITRKDAERQLLAPGNSAGAFLIRESETLKGSFSLSVRDFDPVHGDVIKHYKIRSLDNG
Lck  KNLSRKDAERQLLAPGNTHGSFLIRESESTAGSFSLSVRDFDQNQGEVVKHYKIRNLDNG
Blk  RSQGRKEAERQLLAPINKAGSFLIRESETNKGAFSLSVKDVT-TQGELIKHYKIRCLDEG
         *:::** **   *  * *::*:**:  *::.**: *    :*  :****** ** *

Src  GFYITSRTQFNSLQQLVAYYSKHADGLCHRLTTVCPTSKPQTQGL---AKDAWEIPRESL
Yes  GYYITTRAQFDTLQKLVKHYTEHADGLCHKLTTVCPTVKPQTQGL---AKDAWEIPRESL
Fyn  GYYITTRAQFETLQQLVQHYSERAAGLCCRLVVPCHKGMPRLTDLSVKTKDVWEIPRESL
Yrk  GYYITTRAQFDTIQQLVQHYIERAAGLCCRLAVPCPKGTPKLADLSVKTKDVWEIPRESL
Fgr  GYYITTRVQFNSVQELVQHYMEVNDGLCNLLIAPCTIMKPQTLGL---AKDAWEISRSSI
Hck  GFYISPRSTFSTLQELVDHYKKGNDGLCQKLSVPCMSSKPQKPWE----KDAWEIPRESL
Lyn  GYYISPRITFPCISDMIKHYQKQADGLCRRLEKACISPKPQKPWD----KDAWEIPRESI
Lck  GFYISPRITFPGLHELVRHYTNASDGLCTRLSRPCQTQKPQKPWW----EDEWEVPRETL
Blk  GYYISPRITFPSLQALVQHYSKKGDGLCQRLTLPCVRPAPQNPWA----QDEWEIPRQSL
     *:**:.*  *  :  :: :* :   ***  *   *    *:        :* **:.*.::
```

Fig. 18

(2)

```
          aa
Src       (298)  RLEVKLGQGCFGEVWMGTWNGTTRVAIKTLKPGTMSPEAFLQEAQVMKKLRHEKLVQLYA
Yes       (305)  RLEVKLGQGCFGEVWMGTWNGTTKVAIKTLKPGTMMPEAFLQEAQIMKKLRHDKLVPLYA
Fyn       (299)  QLIKRLGNGQFGEVWMGTWNGNTKVAIKTLKPGTMSPESFLEEAQIMKKLKHDKLVQLYA
Yrk       (298)  QLLQKLGNGQFGEVWMGTWNGTTKVAVKTLKPGTMSPEAFLEEAQIMKRLRHDKLVQLYA
Fgr       (291)  TLERRLGTGCFGDVWLGTWNGSTKVAVKTLKPGTMSPKAFLEEAQVMKLLRHDKLVQLYA
Hck       (289)  KLEKKLGAGQFGEVWMATYNKHTKVAVKTMKPGSMSVEAFLAEANVMKTLQHDKLVKLHA
Lyn       (276)  KLVKRLGAGQFGEVWMGYYNNSTKVAVKTLKPGTMSVQAFLEEANLMKTLQHDKLVRLYA
Lck       (273)  KLVERLGAGQFGEVWMGYYNGHTKVAVKSLKQGSMSPDAFLAEANLMKQLQHQRLVRLYA
Blk       (269)  RLVRKLGSGQFGEVWMGYYKNNMKVAIKTLKEGTMSPEAFLGEANMMKALQHERLVRLYA
                  *  :** * **:**:. ::   :**:*::* *:*  .:** **::** *:*::** *:*

Src       (341)  VVSE-EPIYIVTEYMSKGSLLDFLKGETGKYLRLPQLVDMAAQIASGMAYVERMNYVHRD
Yes       (348)  VVSE-EPIYIVTEFMSKGSLLDFLKEGDGKYLKLPQLVDMAAQIADGMAYIERMNYIHRD
Fyn       (342)  VVSE-EPIYIVTEYMNKGSLLDFLKDGEGRALKLPNLVDMAAQVAAGMAYIERMNYIHRD
Yrk       (341)  VVSE-EPIYIVTEFMSQGSLLDFLKDGDGRYLKLPQLVDMAAQIAAGMAYIERMNYIHRD
Fgr       (334)  VVSE-EPIYIVTEFMCHGSLLDFLKNPEGQDLRLPQLVDMAAQVAEGMAYMERMNYIHRD
Hck       (332)  VVTK-EPIYIITEFMAKGSLLDFLKSDEGSKQPLPKLIDFSAQIAEGMAFIEQRNYIHRD
Lyn       (319)  VVTREEPIYIITEYMAKGSLLDFLKSDEGGKVLLPKLIDFSAQIAEGMAYIERKNYIHRD
Lck       (316)  VVTQ-EPIYIITEYMENGSLVDFLKTPSGIKLTINKLLDMAAQIAEGMAFIEERNYIHRD
Blk       (312)  VVTK-EPIYIVTEYMARGCLLDFLKTDEGSRLSLPRLIDMSAQIAEGMAYIERMNSIHRD
                 **:. *****:**:* .*.*:****   *    : .*:*::**:* ***::*. * :***

                                SH1
Src               LRAANILVGENLVCKVADFGLARLIEDNEYTARQGAKFPIKWTAPEAALYGRFTIKSDVW
Yes               LRAANILVGENLVCKIADFGLARLIEDNEYTARQGAKFPIKWTAPEAALYGRFTIKSDVW
Fyn               LRSANILVGNGLICKIADFGLARLIEDNEYTARQGAKFPIKWTAPEAALYGRFTIKSDVW
Yrk               LRAANILVGDNLVCKIADFGLARLIEDNEYTARQGAKFPIKWTAPEAALFGKFTIKSDVW
Fgr               LRAANILVGERLACKIADFGLARLIKDDEYNPCQGSKFPIKWTAPEAALFGRFTIKSDVW
Hck               LRAANILVSASLVCKIADFGLARVIEDNEYTAREGAKFPIKWTAPEAINFGSFTIKSDVW
Lyn               LRAANVLVSESLMCKIADFGLARVIEDNEYTAREGAKFPIKWTAPEAINFGCFTIKSDVW
Lck               LRAANILVSDTLSCKIADFGLARLIEDNEYTAREGAKFPIKWTAPEAINYGTFTIKSDVW
Blk               LRAANILVSEALCCKIADFGLARIIDS-EYTAQEGAKFPIKWTAPEAIHFGVFTIKADVW
                  **:**:**.  * **:*******:*.. **.. :*:***********  :* ****:***

Src               SFGILLTELTTKGRVPYPGMVNREVLDQVERGYRMPCPPECPESLHD-LMCQCWRKEPEE
Yes               SFGILQTELVTKGRVPYPGMVNREVLEQVERGYRMPCPQGCPESLHE-LMNLCWKKDPDE
Fyn               SFGILLTELVTKGRVPYPGMNNREVLEQVERGYRMPCPQDCPISLHE-LMIHCWKKDPEE
Yrk               SFGILLTELVTKGRVPYPGMNNREVLEQVERGYRMQCPGGCPPSLHD-VMVQCWKREPEE
Fgr               SFGILLTELITKGRIPYPGMNKREVLEQVEQGYHMPCPPGCPASLYE-AMEQTWRLDPEE
Hck               SFGILLMEIVTYGRIPYPGMSNPEVIRALERGYRMPRPENCPEELYN-IMMRCWKNRPEE
Lyn               SFGILLYEIVTYGKIPYPGRTNADVMTALSQGYRMPRVENCPDELYD-IMKMCWKEKAEE
Lck               SFGILLTEIVTHGRIPYPGMTNPEVIQNLERGYRMVRPDNCPEELYQ-LMRLCWKERPED
Blk               SFGVLLMEVVTYGRVPYPGMSNPEVIRNLERGYRMPRPDTCPPELYRGVIAECWRSRPEE
                  ***:*  *: * *::****  : :*:  :.:**:*     ** .*:   :   *:  .::

Src       (530)  RPTFEYLQAFLEDYFTSTEPQYQPGENL
Yes       (537)  RPTFEYIQSFLEDYFTATEPQYQPGENL
Fyn       (531)  RPTFEYLQSFLEDYFTATEPQYQPGENL
Yrk       (530)  RPTFEYLQSFLEDYFTATEPQYQPGDNQ
Fgr       (523)  RPTFEYLQSFLEDYFTSAEPQYQPGDQT
Hck       (521)  RPTFEYIQSVLDDFYTATESQYQQQP--
Lyn       (507)  RPTFDYLQSVLDDFYTATEGQYQQQP--
Lck       (505)  RPTFDYLRSVLEDFFTATEGQYQPQP--
Blk       (501)  RPTFEFLQSVLEDFYTATERQYELQP--
                 ****::::::.*:*::*::* **:
```

Fig. 18 (Continuation)

Cell Line	MTS						ATP		
	day1 (1h)	day1 (4h)	day2 (1h)	day2 (4h)	day3 (1h)	day3 (4h)	day1	day2	day3
parameters									
ZM74.6 (con)									
mean(-tet)	0,164	0,540	0,278	0,777	0,317	1,094	214859	361143	582472
mean(+tet)	0,163	0,585	0,279	0,819	0,337	1,140	214907	359070	587691
SD(-tet)	0,032	0,038	0,038	0,044	0,027	0,082	8968	31090	27383
SD(+tet)	0,011	0,036	0,021	0,025	0,026	0,098	7140	11126	30183
+/-tet (means)	**99%**	**109%**	**100%**	**105%**	**107%**	**104%**	**100%**	**99%**	**101%**
Z'	**-128,00**	**-3,93**	**-176,00**	**-3,93**	**-6,95**	**-10,74**	**-1005,75**	**-60,09**	**-32,09**
ZM75.7 (Src)									
mean(-tet)	0,106	0,458	0,148	0,534	0,126	0,586	234509	325403	448831
mean(+tet)	0,132	0,485	0,145	0,497	0,123	0,396	215792	280839	233775
SD(-tet)	0,029	0,052	0,021	0,008	0,025	0,042	14194	23609	13343
SD(+tet)	0,004	0,006	0,011	0,025	0,013	0,014	10006	6943	1441
+/-tet (means)	**124%**	**106%**	**98%**	**93%**	**98%**	**68%**	**92%**	**86%**	**52%**
Z'	**-2,81**	**-5,44**	**-31,00**	**-1,68**	**-37,00**	**0,12**	**-2,88**	**-1,06**	**0,79**
ZM75.7 (low dens.)									
mean(-tet)	0,053	0,254	0,079	0,287	0,085	0,358	116690	191699	265961
mean(+tet)	0,058	0,252	0,075	0,261	0,083	0,242	125842	163482	135240
SD(-tet)	0,010	0,029	0,004	0,025	0,012	0,019	1977	8464	3717
SD(+tet)	0,013	0,029	0,003	0,004	0,012	0,018	12953	2147	7198
+/-tet (means)	**110%**	**99%**	**95%**	**91%**	**98%**	**68%**	**108%**	**85%**	**51%**
Z'	**-12,80**	**-86,00**	**-4,25**	**-2,35**	**-35,00**	**0,04**	**-3,89**	**-0,13**	**0,75**
ZM76.3 (Src-KA)									
mean(-tet)	0,205	0,658	0,374	1,115	0,380	1,453	259818	530924	825367
mean(+tet)	0,279	0,674	0,245	0,803	0,255	1,096	252037	390461	593572
SD(-tet)	0,054	0,018	0,041	0,101	0,012	0,108	16276	23059	31613
SD(+tet)	0,067	0,053	0,020	0,078	0,019	0,102	16373	24307	47037
+/-tet (means)	**136%**	**103%**	**65%**	**72%**	**67%**	**75%**	**97%**	**74%**	**72%**
Z'	**-3,91**	**-12,31**	**-0,42**	**-0,72**	**0,26**	**-0,76**	**-11,59**	**-0,01**	**-0,02**
ZM76.3 (low dens.)									
mean(-tet)	0,193	0,504	0,264	0,665	0,296	0,981	151349	284572	597675
mean(+tet)	0,230	0,528	0,218	0,555	0,257	0,836	143889	224142	361517
SD(-tet)	0,039	0,034	0,032	0,043	0,013	0,048	6112	16956	74316
SD(+tet)	0,061	0,080	0,032	0,032	0,032	0,088	6201	5085	34512
+/-tet (means)	**119%**	**105%**	**83%**	**83%**	**87%**	**85%**	**95%**	**79%**	**60%**
Z'	**-7,11**	**-13,25**	**-3,17**	**-1,05**	**-2,46**	**-1,81**	**-3,95**	**-0,09**	**-0,38**

Fig. 19 – (Table 2) **Sheet 1**

Cell Line	MTS						ATP		
parameters	day1 (1h)	day1 (4h)	day2 (1h)	day2 (4h)	day3 (1h)	day3 (4h)	day1	day2	day3
ZM77.2 (Src-YF)									
mean(-tet)	0,244	0,837	0,411	1,190	0,422	1,354	301566	470629	749300
mean(+tet)	0,187	0,464	0,172	0,373	0,130	0,306	205115	171219	95946
SD(-tet)	0,049	0,147	0,053	0,066	0,021	0,055	8963	23671	115199
SD(+tet)	0,054	0,057	0,009	0,015	0,011	0,014	8915	8522	9223
+/-tet (means)	**77%**	**55%**	**42%**	**31%**	**31%**	**23%**	**68%**	**36%**	**13%**
Z'	**-4,42**	**-0,64**	**0,22**	**0,70**	**0,67**	**0,80**	**0,44**	**0,68**	**0,43**
ZM77.2 (low dens.)									
mean(-tet)	0,162	0,453	0,233	0,587	0,249	0,714	163222	280873	425838
mean(+tet)	0,098	0,280	0,133	0,260	0,137	0,255	106708	91365	48423
SD(-tet)	0,048	0,082	0,028	0,066	0,034	0,051	5612	12255	20592
SD(+tet)	0,029	0,051	0,036	0,046	0,029	0,019	6547	5533	2887
+/-tet (means)	**60%**	**62%**	**57%**	**44%**	**55%**	**36%**	**65%**	**33%**	**11%**
Z'	**-2,61**	**-1,31**	**-0,92**	**-0,03**	**-0,69**	**0,54**	**0,35**	**0,72**	**0,81**
ZM77.8 (Src-YF)									
mean(-tet)	0,294	1,027	0,479	1,337	0,447	1,583	412584	584915	934867
mean(+tet)	0,284	0,634	0,132	0,290	0,125	0,265	303942	183604	91808
SD(-tet)	0,014	0,061	0,042	0,059	0,042	0,037	14686	34945	24413
SD(+tet)	0,038	0,053	0,008	0,021	0,005	0,014	15481	5598	6186
+/-tet (means)	**97%**	**62%**	**27%**	**22%**	**28%**	**17%**	**74%**	**31%**	**10%**
Z'	**-14,60**	**0,13**	**0,57**	**0,77**	**0,56**	**0,88**	**0,17**	**0,70**	**0,89**

Fig. 19 – (Table 2) Sheet 2 (Continuation)

Cell line	compound parameters	MTS day1 (4h)	MTS day2 (4h)	MTS day3 (4h)	ATP day1	ATP day2	ATP day3
ZM74.6 (con)	(DMSO)						
	mean(-tet)	1,372	2,029	2,010	743351	981937	1473106
	mean(+tet)	1,498	2,187	2,331	739807	976312	1473711
	SD(-tet)	0,047	0,047	0,159	29926	70808	49456
	SD(+tet)	0,060	0,066	0,152	43708	66856	58424
	+/-tet (means)	**109%**	**108%**	**116%**	**100%**	**99%**	**100%**
	Z'	**-1,55**	**-1,15**	**-1,91**	**-61,33**	**-72,42**	**-533,94**
ZM77.8 (Sro-YF)	(DMSO)						
	mean(-tet)	1,642	2,174	2,198	724364	1108823	1449098
	mean(+tet)	0,915	0,357	0,100	684408	440505	189867
	SD(-tet)	0,052	0,227	0,034	44042	30574	29606
	SD(+tet)	0,158	0,023	0,001	35764	7324	8588
	+/-tet (means)	**56%**	**16%**	**5%**	**94%**	**40%**	**13%**
	Z'	**0,13**	**0,59**	**0,95**	**-4,99**	**0,83**	**0,91**
	10µM PP1-Chr.						
	mean(-tet)	1,593	2,282	1,880	724767	1146635	1369267
	mean(+tet)	1,768	1,711	0,580	797267	1012586	593425
	SD(-tet)	0,101	0,170	0,126	54184	29308	56024
	SD(+tet)	0,035	0,039	0,021	56785	93100	5391
	+/-tet (means)	**111%**	**75%**	**31%**	**110%**	**88%**	**43%**
	Z'	-1,33	-0,10	0,66	-3,59	-1,74	0,76
	toxicity	0,03	-0,05	0,14	0,00	-0,03	0,06
	suppression	**125%**	**70%**	**28%**	**281%**	**81%**	**35%**
	Z' (suppression)	**0,36**	**0,86**	**0,87**	**-1,47**	**0,46**	**0,90**
	5µM PP2						
	mean(-tet)	1,744	2,216	1,990	707571	1124429	1417668
	mean(+tet)	1,635	1,774	0,681	1069818	1026247	628636
	SD(-tet)	0,109	0,160	0,174	27577	19908	67616
	SD(+tet)	0,075	0,208	0,010	105004	27546	9611
	+/-tet (means)	**94%**	**80%**	**34%**	**151%**	**91%**	**44%**
	Z'	-4,06	-1,50	0,58	-0,10	-0,45	0,71
	toxicity	-0,06	-0,02	0,09	0,02	-0,01	0,02
	suppression	**86%**	**76%**	**31%**	**1028%**	**86%**	**36%**
	Z' (suppression)	**-0,10**	**0,51**	**0,94**	**-0,05**	**0,82**	**0,88**
	1µM PP2						
	mean(-tet)	1,584	2,290	2,069	832208	1246781	1337861
	mean(+tet)	1,485	0,621	0,242	811761	720309	444280
	SD(-tet)	0,078	0,092	0,069	28984	29477	31883
	SD(+tet)	0,081	0,053	0,031	59129	32154	12960
	+/-tet (means)	**94%**	**27%**	**12%**	**98%**	**58%**	**33%**
	Z'	-3,82	0,74	0,84	-11,93	0,65	0,85
	toxicity	0,04	-0,05	0,06	-0,15	-0,12	0,08
	suppression	**86%**	**13%**	**7%**	**55%**	**30%**	**23%**
	Z' (suppression)	**-0,16**	**0,05**	**0,35**	**-10,81**	**0,46**	**0,77**
	40µM D5						
	mean(-tet)	0,985	2,282	2,148	702816	946287	1284794
	mean(+tet)	1,296	0,660	0,137	781108	661925	173324
	SD(-tet)	0,087	0,140	0,149	48730	14168	40357
	SD(+tet)	0,044	0,029	0,007	32815	15854	11070
	+/-tet (means)	**132%**	**29%**	**6%**	**111%**	**70%**	**13%**
	Z'	-0,26	0,69	0,77	-2,12	0,68	0,86
	toxicity	0,40	-0,05	0,02	0,03	0,15	0,11
	suppression	**171%**	**15%**	**2%**	**302%**	**50%**	**0%**
	Z' (suppression)	**0,44**	**0,44**	**0,39**	**-0,73**	**0,77**	**-10,24**

Fig. 20 – (Table 3) **Sheet 1**

Cell line	compound parameters	MTS day1 (4h)	MTS day2 (4h)	MTS day3 (4h)	ATP day1	ATP day2	ATP day3
ZM75.7 (Src)	**(DMSO)**						
	mean(-tet)	1,016	1,488	2,889	609260	834114	1068812
	mean(+tet)	1,210	1,461	0,753	592199	814126	546125
	SD(-tet)	0,044	0,097	0,165	10739	34484	12829
	SD(+tet)	0,067	0,027	0,090	47653	18200	9138
	+/-tet (means)	**119%**	**98%**	**26%**	**97%**	**98%**	**51%**
	Z'	**-0,72**	**-12,78**	**0,64**	**-9,27**	**-6,91**	**0,87**
	10µM PP1-Chr.						
	mean(-tet)	0,949	1,553	2,225	547479	739210	932958
	mean(+tet)	1,087	1,896	1,909	601706	847182	884861
	SD(-tet)	0,081	0,084	0,179	14688	48654	83074
	SD(+tet)	0,058	0,057	0,161	44549	55350	53001
	+/-tet (means)	**115%**	**122%**	**86%**	**110%**	**115%**	**95%**
	Z'	-2,02	-0,23	-2,23	-2,28	-1,89	-7,49
	toxicity		-0,04	0,23	0,10	0,11	0,13
	suppression		**1317%**	**81%**	**454%**	**710%**	**89%**
	Z' (suppression)		**0,31**	**0,48**	**-2,77**	**-0,71**	**0,55**
	5µM PP2						
	mean(-tet)	0,983	1,279	2,772	606982	774481	997338
	mean(+tet)	1,029	1,650	2,246	600026	815204	930542
	SD(-tet)	0,039	0,090	0,073	3647	19773	21824
	SD(+tet)	0,099	0,012	0,082	53019	10464	29599
	+/-tet (means)	**105%**	**129%**	**81%**	**99%**	**105%**	**93%**
	Z'	-8,00	0,18	0,12	-23,44	-1,23	-1,31
	toxicity		0,14	0,04	0,00	0,07	0,07
	suppression		**1699%**	**74%**	**59%**	**319%**	**86%**
	Z' (suppression)		**0,73**	**0,67**	**-29,02**	**-0,38**	**0,73**
	1µM PP2						
	mean(-tet)	0,945	1,336	2,954	566569	718352	994566
	mean(+tet)	1,070	1,490	1,736	569650	853362	786058
	SD(-tet)	0,040	0,123	0,099	15697	38281	31146
	SD(+tet)	0,113	0,017	0,232	16555	49366	14042
	+/-tet (means)	**113%**	**111%**	**59%**	**101%**	**119%**	**79%**
	Z'	-2,67	-1,73	0,18	-30,40	-0,95	0,35
	toxicity		0,10	-0,02	0,07	0,14	0,07
	suppression		**735%**	**44%**	**119%**	**884%**	**57%**
	Z' (suppression)	**-8,49**	**0,31**	**-0,01**	**-8,64**	**-0,28**	**0,76**
	40µM D5						
	mean(-tet)	0,923	1,499	2,966	568328	799400	942749
	mean(+tet)	1,118	1,366	0,728	626964	802052	534819
	SD(-tet)	0,048	0,103	0,118	29896	19567	63522
	SD(+tet)	0,082	0,102	0,088	40262	37396	25533
	+/-tet (means)	**121%**	**91%**	**25%**	**110%**	**100%**	**57%**
	Z'	-1,00	-3,62	0,72	-2,59	-63,44	0,35
	toxicity		-0,01	-0,03	0,07	0,04	0,12
	suppression		**-389%**	**-2%**	**468%**	**114%**	**12%**
	Z' (suppression)		**-2,66**	**-11,01**	**-2,41**	**-6,54**	**-0,90**

Fig. 20 – (Table 3) **Sheet 2 (Continuation)**

Cell line	compound parameters	MTS day1 (4h)	MTS day2 (4h)	MTS day3 (4h)	ATP day1	ATP day2	ATP day3
ZM76.3 (Sro-KA)	(DMSO)						
	mean(-tet)	0,981	1,468	1,960	449055	768114	1114527
	mean(+tet)	0,756	1,093	1,766	422727	681683	942748
	SD(-tet)	0,025	0,009	0,008	2423	15534	16767
	SD(+tet)	0,023	0,054	0,129	6628	10225	24049
	+/-tet (means)	**77%**	**74%**	**90%**	**94%**	**89%**	**85%**
	Z'	**0,36**	**0,50**	**-1,12**	**-0,03**	**0,11**	**0,29**
	10µM PP1-Chr.						
	mean(-tet)	1,134	1,590	2,078	439602	677688	1110664
	mean(+tet)	0,670	0,785	1,524	443628	659560	971150
	SD(-tet)	0,039	0,104	0,162	9304	10350	35776
	SD(+tet)	0,034	0,006	0,127	8607	20004	30072
	+/-tet (means)	**59%**	**49%**	**73%**	**101%**	**97%**	**87%**
	Z'	0,53	0,59	-0,56	-12,35	-4,02	-0,42
	toxicity	-0,16	-0,08	-0,06	0,02	0,12	0,00
	suppression	**-78%**	**-98%**	**-169%**	**116%**	**76%**	**19%**
	Z' (suppression)	**0,11**	**0,51**	**-1,27**	**-0,52**	**-0,50**	**-4,12**
	5µM PP2						
	mean(-tet)	0,903	1,434	1,849	446210	669124	1039224
	mean(+tet)	0,645	0,786	1,303	421013	578877	840861
	SD(-tet)	0,013	0,031	0,060	10788	1464	45694
	SD(+tet)	0,013	0,023	0,205	14135	8552	12849
	+/-tet (means)	**71%**	**55%**	**70%**	**94%**	**87%**	**81%**
	Z'	0,70	0,75	-0,46	-1,97	0,67	0,11
	toxicity	0,08	0,02	0,06	0,01	0,13	0,07
	suppression	**-25%**	**-77%**	**-198%**	**4%**	**-20%**	**-24%**
	Z' (suppression)	**-1,01**	**0,19**	**-1,70**	**-63,47**	**-2,50**	**-1,77**
	1µM PP2						
	mean(-tet)	1,073	1,787	2,093	439927	673524	1047323
	mean(+tet)	0,706	0,100	1,601	417412	621696	931254
	SD(-tet)	0,136	0,060	0,121	12325	24672	31797
	SD(+tet)	0,115	0,191	0,117	17244	43672	42796
	+/-tet (means)	**66%**	**56%**	**76%**	**95%**	**92%**	**89%**
	Z'	-1,05	0,55	-0,45	-2,94	-2,96	-0,93
	toxicity	-0,09	-0,22	-0,07	0,02	0,12	0,06
	suppression	**-49%**	**-270%**	**-137%**	**13%**	**32%**	**28%**
	Z' (suppression)	**-2,48**	**0,37**	**-1,68**	**-20,73**	**-5,59**	**-3,33**
	40µM D5						
	mean(-tet)	0,943	1,467	1,923	408428	728812	1010757
	mean(+tet)	0,853	1,136	1,705	409222	589496	864736
	SD(-tet)	0,017	0,023	0,212	14044	21274	495
	SD(+tet)	0,073	0,111	0,119	11174	23622	46582
	+/-tet (means)	**90%**	**77%**	**89%**	**100%**	**81%**	**86%**
	Z'	-2,00	-0,21	-3,56	-94,28	0,03	0,03
	toxicity	0,04	0,00	0,02	0,09	0,05	0,09
	suppression	**58%**	**12%**	**-15%**	**103%**	**-70%**	**6%**
	Z' (suppression)	**-1,26**	**-10,31**	**-25,63**	**-1,09**	**-0,74**	**-20,01**

Fig. 20 – (Table 3) **Sheet 3 (Continuation)**

Cell line	compound parameters	MTS day1 (4h)	MTS day2 (4h)	MTS day3 (4h)	ATP day1	ATP day2	ATP day3
ZM77.8 (Sro-YF)	(DMSO)						
(suspens.)	mean(-tet)				338971	361136	298794
	mean(+tet)				373161	265548	48428
	SD(-tet)				35198	44643	40668
	SD(+tet)				46667	81946	24977
	+/-tet (means)				**110%**	**74%**	**16%**
	Z'				**-6,18**	**-2,97**	**0,21**
	10µM PP1-Chr.						
	mean(-tet)				315408	373406	321703
	mean(+tet)				371381	328824	204561
	SD(-tet)				21546	40847	46249
	SD(+tet)				45929	44887	41451
	+/-tet (means)				**118%**	**88%**	**64%**
	Z'				-2,62	-4,77	-1,25
	toxicity					-0,03	-0,08
	suppression					**55%**	**57%**
	Z' (suppression)					**-6,17**	**-0,35**

Fig. 20. – (Table 3) **Sheet 4 (Continuation)**

Cell line	compound(s) parameters	CTB day1 (1h)	CTB day1 (2h)	CTB day1 (3h)	CTB day1 (4h)	CTB day2 (1h)	CTB day2 (2h)	CTB day2 (3h)	CTB day2 (4h)	CTB day3 (1h)	CTB day3 (2h)	CTB day3 (3h)	CTB day3 (4h)	ATP day1	ATP day2	ATP day3
ZM74.6 (con)	(DMSO)															
	mean(-tet)	125361	275279	419983	566610	217180	422419	631629	778296	556718	996338	1217681	1412986	402104	785223	1330176
	mean(+tet)	111897	266979	410231	556821	208199	395150	592766	725569	495674	953305	1185588	1393314	400788	772170	1352707
	SD(-tet)	6758	10687	18953	27186	36285	38435	43142	45047	39737	43916	50249	61875	20220	40842	89099
	SD(+tet)	7102	6122	11636	16512	20966	25793	33652	42062	84729	77381	85363	93327	10504	32490	53873
	+/-tet (means)	**89%**	**97%**	**98%**	**98%**	**96%**	**94%**	**94%**	**93%**	**89%**	**96%**	**97%**	**99%**	**100%**	**98%**	**102%**
	Z'	**-2,09**	**-5,08**	**-8,41**	**-12,39**	**-18,12**	**-6,07**	**-4,93**	**-3,96**	**-5,12**	**-7,46**	**-11,68**	**-22,67**	**-69,04**	**-15,85**	**-18,04**
ZM77.8 (Src-YF)	(DMSO)															
	mean(-tet)	169719	315671	458783	663241	141641	344409	559708	698350	522182	1031926	1290754	1532514	442963	942865	1400389
	mean(+tet)	36982	79192	115894	170260	15470	31270	49047	61403	13357	24418	31873	40277	315419	205693	115653
	SD(-tet)	11949	15146	21044	26008	27353	43201	44101	44432	43140	53652	61449	68967	9753	18363	51594
	SD(+tet)	7405	10158	12904	18047	5111	6805	8057	9092	3743	3343	3312	3414	56404	21047	15851
	+/-tet (means)	**22%**	**25%**	**25%**	**26%**	**11%**	**9%**	**9%**	**9%**	**3%**	**2%**	**2%**	**3%**	**71%**	**22%**	**8%**
	Z'	**0,56**	**0,68**	**0,70**	**0,73**	**0,23**	**0,52**	**0,69**	**0,75**	**0,72**	**0,83**	**0,85**	**0,85**	**-0,56**	**0,84**	**0,84**
	5µM PP2+ 10µM PP1-Chr.															
	mean(-tet)	89227	264473	407863	624029	131833	337891	581367	724949	468586	949580	1198498	1445891	516652	1019442	1565831
	mean(+tet)	69599	222334	341482	522177	76785	209464	378766	477301	119432	264674	345768	444328	495732	685717	635116
	SD(-tet)	37158	36389	32465	34161	28948	44467	36275	32995	67351	30228	26096	28426	14802	46251	58299
	SD(+tet)	9755	9013	9137	13873	28407	33965	34207	35305	22553	45182	57223	70186	15535	43977	19961
	+/-tet (means)	**78%**	**84%**	**84%**	**84%**	**58%**	**62%**	**65%**	**66%**	**25%**	**28%**	**29%**	**31%**	**96%**	**67%**	**41%**
	Z'	-6,17	-2,23	-0,88	-0,41	-2,13	-0,83	-0,04	0,17	0,23	0,67	0,71	0,70	-3,35	0,19	0,75
	toxicity	0,47	0,16	0,11	0,06	0,07	0,02	-0,04	-0,04	0,10	0,08	0,07	0,06	-0,17	-0,08	-0,12
	suppression	**72%**	**79%**	**78%**	**78%**	**53%**	**58%**	**62%**	**63%**	**24%**	**26%**	**27%**	**29%**	**86%**	**58%**	**35%**
	Z' (suppression)	**0,18**	**0,66**	**0,74**	**0,74**	**-0,59**	**0,32**	**0,61**	**0,68**	**0,28**	**0,40**	**0,43**	**0,46**	**-0,91**	**0,57**	**0,78**
	40µM D5															
	mean(-tet)	121004	261524	372066	548258	167842	327019	486894	591340	384831	823047	1054199	1293447	451290	741950	1029800
	mean(+tet)	82414	189453	272646	407763	55723	112402	169913	210024	47570	111343	148787	194823	388123	409278	298995
	SD(-tet)	8432	11768	13479	16475	8879	8825	11491	10742	36794	27951	27092	27475	11408	34251	37198
	SD(+tet)	6818	11028	15432	20243	12753	16585	20224	23378	4202	6011	7467	9078	12431	38600	6715
	+/-tet (means)	**68%**	**72%**	**73%**	**74%**	**33%**	**34%**	**35%**	**36%**	**12%**	**14%**	**14%**	**15%**	**86%**	**55%**	**29%**
	Z'	-0,19	0,05	0,13	0,22	0,42	0,64	0,70	0,73	0,64	0,86	0,89	0,90	-0,13	0,34	0,82
	toxicity	0,29	0,17	0,19	0,17	-0,18	0,05	0,13	0,15	0,26	0,20	0,18	0,16	-0,02	0,21	0,26
	suppression	**59%**	**63%**	**64%**	**66%**	**25%**	**28%**	**29%**	**29%**	**10%**	**11%**	**12%**	**13%**	**51%**	**43%**	**23%**
	Z' (suppression)	**0,35**	**0,53**	**0,57**	**0,60**	**-0,51**	**0,16**	**0,36**	**0,41**	**0,45**	**0,72**	**0,75**	**0,78**	**-2,14**	**0,33**	**0,74**
	1µM 17-AAG															
	mean(-tet)	124362	326686	514368	689875	175357	388200	575033	696096	288309	625049	801619	960035	404563	643362	843381
	mean(+tet)	100683	242705	375968	511438	81625	158504	244010	308041	79312	176527	224969	294697	371888	455203	425155
	SD(-tet)	40292	41781	31727	24465	15080	23907	30998	35333	38848	54183	57264	65559	23120	44756	71950
	SD(+tet)	10651	35603	50988	71342	8765	8029	12232	13194	21303	20904	24543	30306	11124	6055	26384
	+/-tet (means)	**81%**	**74%**	**73%**	**74%**	**47%**	**41%**	**42%**	**44%**	**28%**	**28%**	**28%**	**31%**	**92%**	**71%**	**50%**
	Z'	-5,45	-1,76	-0,79	-0,61	0,24	0,58	0,61	0,62	0,14	0,50	0,57	0,57	-2,14	0,19	0,29
	toxicity	0,27	-0,03	-0,12	-0,04	-0,24	-0,13	-0,03	0,00	0,45	0,39	0,38	0,37	0,09	0,32	0,40
	suppression	**76%**	**66%**	**64%**	**65%**	**40%**	**35%**	**37%**	**39%**	**26%**	**27%**	**26%**	**29%**	**72%**	**63%**	**46%**
	Z' (suppression)	**0,34**	**0,14**	**0,20**	**0,19**	**0,28**	**0,62**	**0,68**	**0,73**	**0,03**	**0,57**	**0,61**	**0,64**	**-1,24**	**0,81**	**0,70**
	1µM Radicicol															
	mean(-tet)	86693	187116	303961	415686	59614	130910	206433	257547	73524	158606	201771	250040	355958	390497	330481
	mean(+tet)	117508	209091	315140	418233	49859	119701	187323	232674	44913	83176	103696	124139	340241	323721	182376
	SD(-tet)	33763	20192	13952	12820	3703	6849	13566	17877	8629	8627	9760	13124	20328	14772	14808
	SD(+tet)	7940	6330	6220	5998	3574	4832	2530	2985	15490	18080	19998	16113	6348	10731	5685
	+/-tet (means)	**136%**	**112%**	**104%**	**101%**	**84%**	**91%**	**91%**	**90%**	**61%**	**52%**	**51%**	**50%**	**96%**	**83%**	**55%**
	Z'	-3,06	-2,62	-4,41	-21,16	-1,24	-2,13	-1,53	-1,52	-1,53	-0,06	0,09	0,30	-4,09	-0,15	0,58
	toxicity	0,49	0,41	0,34	0,37	0,58	0,62	0,63	0,63	0,86	0,85	0,84	0,84	0,20	0,59	0,76
	suppression	**145%**	**116%**	**105%**	**101%**	**82%**	**91%**	**90%**	**89%**	**60%**	**51%**	**50%**	**48%**	**85%**	**78%**	**51%**
	Z' (suppression)	**0,64**	**0,77**	**0,81**	**0,83**	**0,60**	**0,79**	**0,90**	**0,91**	**-0,12**	**0,30**	**0,38**	**0,57**	**-0,79**	**0,76**	**0,82**

Fig. 21 – (Table 4) **Sheet 1**

Cell line	compound(s) parameters	CTB day1 (1h)	day1 (2h)	day1 (3h)	day1 (4h)	day2 (1h)	day2 (2h)	day2 (3h)	day2 (4h)	day3 (1h)	day3 (2h)	day3 (3h)	day3 (4h)	ATP day1	day2	day3
ZM170.21 (Src-TQ/YF)	(DMSO)															
	mean(-tet)	86113	185876	281061	373139	68900	177108	304163	381943	311151	574626	700179	868149	256166	491829	763065
	mean(+tet)	25108	43333	68534	86620	10096	15357	24203	31319	12747	16575	18160	21033	163495	114769	61177
	SD(-tet)	14986	13977	23174	24423	6403	23293	19918	15220	54092	65011	40093	39498	13257	20506	79434
	SD(+tet)	2221	2619	5428	7408	2418	1862	2224	2354	3136	1838	2959	3441	4260	9867	6699
	+/-tet (means)	**29%**	**23%**	**24%**	**23%**	**15%**	**9%**	**8%**	**8%**	**4%**	**3%**	**3%**	**2%**	**64%**	**23%**	**8%**
	Z'	**0,15**	**0,65**	**0,60**	**0,67**	**0,55**	**0,53**	**0,76**	**0,85**	**0,42**	**0,64**	**0,81**	**0,85**	**0,43**	**0,76**	**0,63**
	5µM PP2+ 10µM PP1-Chr.															
	mean(-tet)	103525	181753	267372	362521	139340	238220	360585	433943	272780	503400	595801	757083	275755	490775	685593
	mean(+tet)	36551	60348	86714	117825	5174	10958	37242	44778	16091	22245	24761	31895	240458	157810	85764
	SD(-tet)	27439	12548	22216	30801	30188	27936	26109	21931	58382	43632	26700	24894	12184	19074	49932
	SD(+tet)	3845	4324	4582	7044	3107	4417	3936	3426	2617	4248	4828	5097	11243	8893	5371
	+/-tet (means)	**35%**	**33%**	**32%**	**33%**	**4%**	**5%**	**10%**	**10%**	**6%**	**4%**	**4%**	**4%**	**87%**	**32%**	**13%**
	Z'	-0,40	0,58	0,55	0,54	0,26	0,57	0,72	0,80	0,29	0,70	0,83	0,88	-0,99	0,75	0,72
	toxicity	-0,20	0,02	0,05	0,03	-1,02	-0,35	-0,19	-0,14	0,12	0,12	0,15	0,13	-0,08	0,00	0,10
	suppression	**9%**	**13%**	**11%**	**12%**	**-13%**	**-4%**	**3%**	**2%**	**2%**	**2%**	**2%**	**2%**	**65%**	**12%**	**5%**
	Z' (suppression)	**-2,07**	**-0,15**	**-0,36**	**-0,27**	**-0,57**	**-1,14**	**-1,31**	**-0,99**	**-2,27**	**-1,28**	**-1,37**	**-0,79**	**0,26**	**-0,30**	**-0,11**
	40µM D5															
	mean(-tet)	59025	129809	194684	267404	60324	129829	221207	285984	192612	376851	469539	602212	235657	383887	580398
	mean(+tet)	29053	59415	86858	121795	13158	25129	38482	48913	16581	24922	29246	36825	208189	165319	99277
	SD(-tet)	6367	13785	23997	29607	11555	15742	22790	24871	17644	23636	38570	46094	9671	7690	34826
	SD(+tet)	5001	4004	3666	4679	2516	2283	3371	3467	2914	3350	3908	4383	2849	14611	3801
	+/-tet (means)	**49%**	**46%**	**45%**	**46%**	**22%**	**19%**	**17%**	**17%**	**9%**	**7%**	**6%**	**6%**	**88%**	**43%**	**17%**
	Z'	-0,14	0,24	0,23	0,29	0,11	0,48	0,57	0,64	0,65	0,77	0,71	0,73	-0,37	0,69	0,76
	toxicity	0,31	0,30	0,31	0,28	0,12	0,27	0,27	0,25	0,38	0,34	0,33	0,31	0,08	0,22	0,24
	suppression	**28%**	**29%**	**27%**	**29%**	**8%**	**12%**	**10%**	**10%**	**5%**	**4%**	**4%**	**4%**	**68%**	**26%**	**10%**
	Z' (suppression)	**-0,65**	**0,40**	**0,43**	**0,50**	**-2,22**	**0,21**	**0,28**	**0,38**	**-0,68**	**0,03**	**-0,04**	**0,09**	**0,65**	**0,12**	**0,49**
	1µM 17-AAG															
	mean(-tet)	86697	164622	246785	336522	48384	112346	203922	265547	174381	337652	431471	554614	218776	363272	558187
	mean(+tet)	52975	92697	137973	189477	21180	48672	84604	109775	35172	62288	77249	99869	209366	237658	206287
	SD(-tet)	4711	5009	10361	14402	2873	5601	10794	15146	23121	24919	24209	31506	8939	20132	59298
	SD(+tet)	3735	3300	4519	6725	3887	7851	9489	9196	3635	4201	3612	4932	6240	8067	23711
	+/-tet (means)	**61%**	**56%**	**56%**	**56%**	**44%**	**43%**	**41%**	**41%**	**20%**	**18%**	**18%**	**18%**	**96%**	**65%**	**37%**
	Z'	0,25	0,65	0,59	0,57	0,25	0,37	0,49	0,53	0,42	0,68	0,76	0,76	-3,84	0,33	0,29
	toxicity	-0,01	0,11	0,12	0,10	0,30	0,37	0,33	0,30	0,44	0,41	0,38	0,36	0,15	0,26	0,27
	suppression	**45%**	**43%**	**42%**	**43%**	**34%**	**38%**	**36%**	**36%**	**17%**	**16%**	**16%**	**16%**	**88%**	**55%**	**31%**
	Z' (suppression)	**0,35**	**0,69**	**0,64**	**0,64**	**-0,19**	**0,30**	**0,52**	**0,63**	**0,42**	**0,70**	**0,75**	**0,75**	**0,58**	**0,70**	**0,47**
	1µM Radicicol															
	mean(-tet)	28978	80479	143848	208040	23984	53813	98255	130630	55854	121609	159530	210961	222812	247011	257076
	mean(+tet)	28089	80037	143521	209902	19193	42280	78683	103955	41478	68851	80182	104325	196144	188375	146974
	SD(-tet)	7167	11510	11810	11321	1437	4892	7496	9799	8290	11249	14560	17102	9848	13100	15382
	SD(+tet)	3903	4297	5234	6476	3478	5184	5095	5212	5792	6206	3310	4142	3371	7433	4162
	+/-tet (means)	**97%**	**99%**	**100%**	**101%**	**80%**	**79%**	**80%**	**80%**	**74%**	**57%**	**50%**	**49%**	**88%**	**76%**	**57%**
	Z'	-36,36	-106,29	-155,37	-27,67	-2,08	-1,62	-0,93	-0,69	-1,94	0,01	0,32	0,40	-0,49	-0,05	0,47
	toxicity	0,66	0,57	0,49	0,44	0,65	0,70	0,68	0,66	0,82	0,79	0,77	0,76	0,13	0,50	0,66
	suppression	**96%**	**99%**	**100%**	**101%**	**77%**	**77%**	**78%**	**78%**	**73%**	**55%**	**49%**	**48%**	**67%**	**69%**	**53%**
	Z' (suppression)	**0,29**	**0,73**	**0,78**	**0,80**	**0,17**	**0,54**	**0,75**	**0,81**	**0,51**	**0,70**	**0,84**	**0,85**	**0,61**	**0,72**	**0,85**

Fig. 21 – (Table 4) **Sheet 2 (Continuation)**

Cell line	compound(s) parameters	CTB day1 (1h)	day1 (2h)	day1 (3h)	day1 (4h)	day2 (1h)	day2 (2h)	day2 (3h)	day2 (4h)	day3 (1h)	day3 (2h)	day3 (3h)	day3 (4h)	ATP day1	day2	day3
ZM76.3 (Src-KA)	(DMSO)															
	mean(-tet)	85137	212690	308486	458769	169271	321225	503254	597969	689004	1043142	1357349	1486974	360168	688853	1063461
	mean(+tet)	69235	171904	249989	368416	126929	246859	385894	472102	476847	698222	962129	1090515	325855	594099	933648
	SD(-tet)	30925	20046	21723	24337	20595	16811	33146	24905	31744	36323	38265	34932	11095	34631	85869
	SD(+tet)	6388	7774	9066	12309	11096	13255	14992	21693	44199	43743	58230	63675	10574	20792	51583
	+/-tet (means)	**81%**	**81%**	**81%**	**80%**	**75%**	**77%**	**77%**	**79%**	**69%**	**67%**	**71%**	**73%**	**90%**	**86%**	**88%**
	Z'	**-6,04**	**-1,05**	**-0,58**	**-0,22**	**-1,25**	**-0,21**	**-0,23**	**-0,11**	**-0,07**	**0,30**	**0,27**	**0,25**	**-0,89**	**-0,75**	**-2,18**
	5µM PP2+ 10µM PP1-Chr.															
	mean(-tet)	79832	190340	257065	388395	57160	228681	347763	432365	588188	831477	1094312	1240854	371831	687900	1062793
	mean(+tet)	97140	181653	240280	362068	49822	140714	237636	294570	263333	431770	623112	724438	339033	566669	779441
	SD(-tet)	21736	18270	12104	20245	24161	37166	30095	36350	90316	69044	75797	78046	8622	40991	38929
	SD(+tet)	19999	20695	23341	30656	17624	12135	23020	24228	40625	43153	53809	61947	14916	50810	38788
	+/-tet (means)	**122%**	**95%**	**93%**	**93%**	**87%**	**62%**	**68%**	**68%**	**45%**	**52%**	**57%**	**58%**	**91%**	**82%**	**73%**
	Z'	-6,23	-12,46	-5,34	-4,80	-16,08	-0,68	-0,45	-0,32	-0,21	0,16	0,17	0,19	-1,15	-1,27	0,18
	toxicity	0,06	0,11	0,17	0,15	0,66	0,29	0,31	0,28	0,15	0,20	0,19	0,17	-0,03	0,00	0,00
	suppression	**216%**	**76%**	**66%**	**66%**	**49%**	**-66%**	**-36%**	**-51%**	**-79%**	**-45%**	**-48%**	**-56%**	**7%**	**-28%**	**-118%**
	Z' (suppression)	**-1,42**	**-1,98**	**-1,90**	**-1,46**	**-8,21**	**-0,85**	**-2,45**	**-1,56**	**-0,64**	**-0,88**	**-0,98**	**-0,86**	**-28,51**	**-7,07**	**-0,76**
	1µM Radicicol															
	mean(-tet)	43719	97175	140618	216029	24975	55887	91209	115934	70370	123574	183709	218308	281947	320021	266401
	mean(+tet)	38140	82341	117040	179863	29996	55756	81436	100716	69770	114387	161803	188061	248834	256281	209832
	SD(-tet)	2241	7876	9628	14489	5338	5577	7953	9735	17210	21438	20612	19603	11981	12366	14742
	SD(+tet)	5356	2375	5091	6341	2237	2616	3297	4114	11084	9062	13104	17682	8764	22387	10261
	+/-tet (means)	**87%**	**85%**	**83%**	**83%**	**120%**	**100%**	**89%**	**87%**	**99%**	**93%**	**88%**	**86%**	**88%**	**80%**	**79%**
	Z'	-3,09	-1,07	-0,87	-0,73	-3,53	-186,63	-2,45	-1,73	-140,47	-8,96	-3,62	-2,70	-0,88	-0,64	-0,33
	toxicity	0,49	0,54	0,54	0,53	0,85	0,83	0,82	0,81	0,90	0,88	0,86	0,85	0,22	0,54	0,75
	suppression	**32%**	**20%**	**12%**	**15%**	**180%**	**99%**	**54%**	**38%**	**97%**	**78%**	**59%**	**48%**	**-23%**	**-45%**	**-74%**
	Z' (suppression)	**-9,02**	**-3,68**	**-7,96**	**-4,71**	**-0,03**	**-0,15**	**-0,57**	**-1,72**	**-1,22**	**-0,35**	**-0,99**	**-1,90**	**-7,18**	**-3,88**	**-1,89**

Fig. 21 – (Table 4) **Sheet 3 (Continuation)**

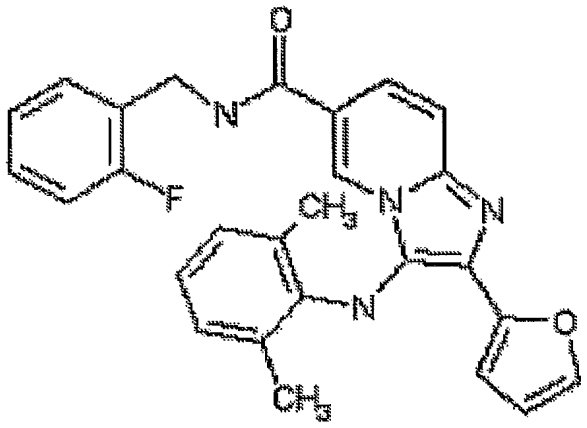


Fig. 22